

FIG. 1

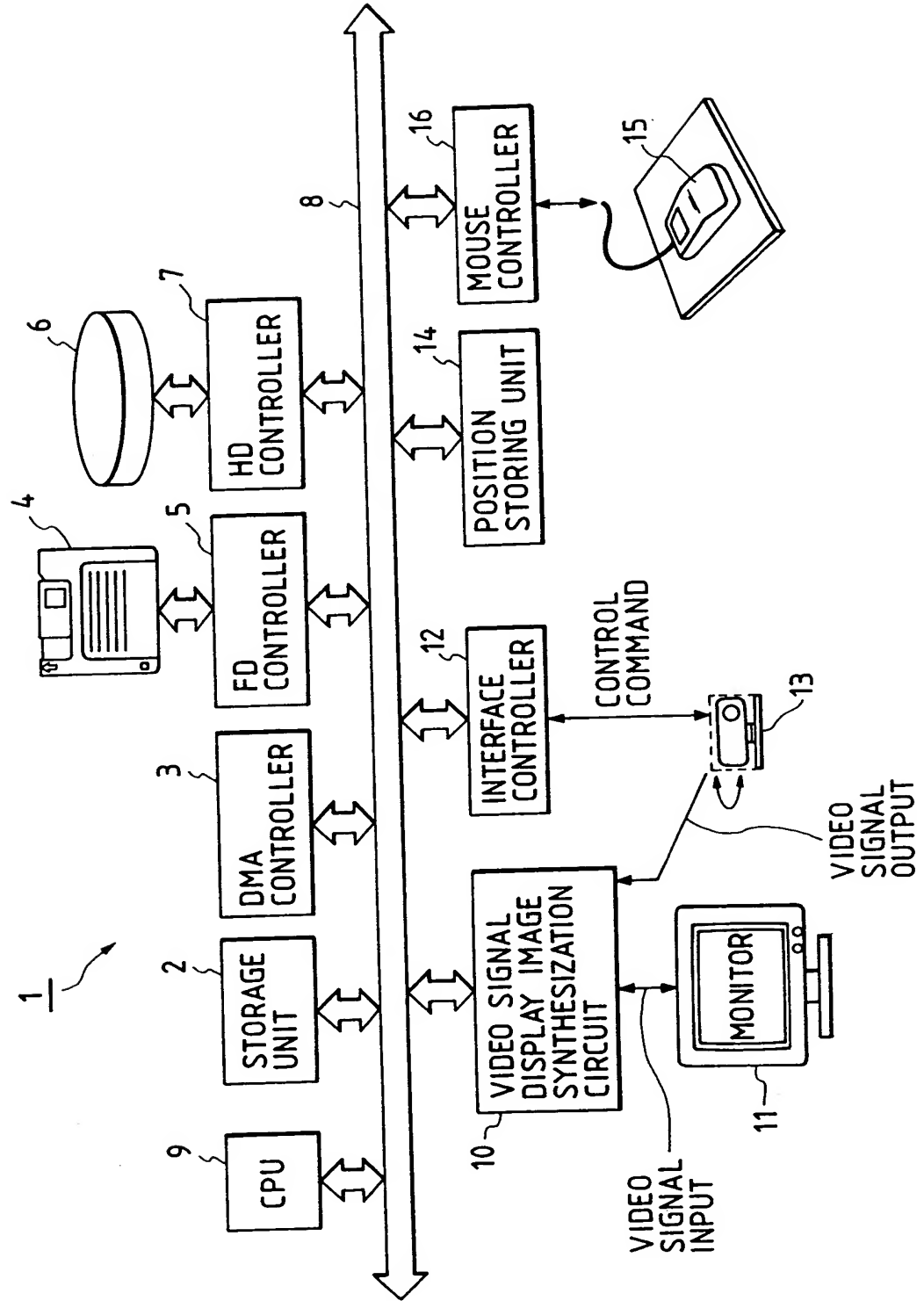


FIG. 2

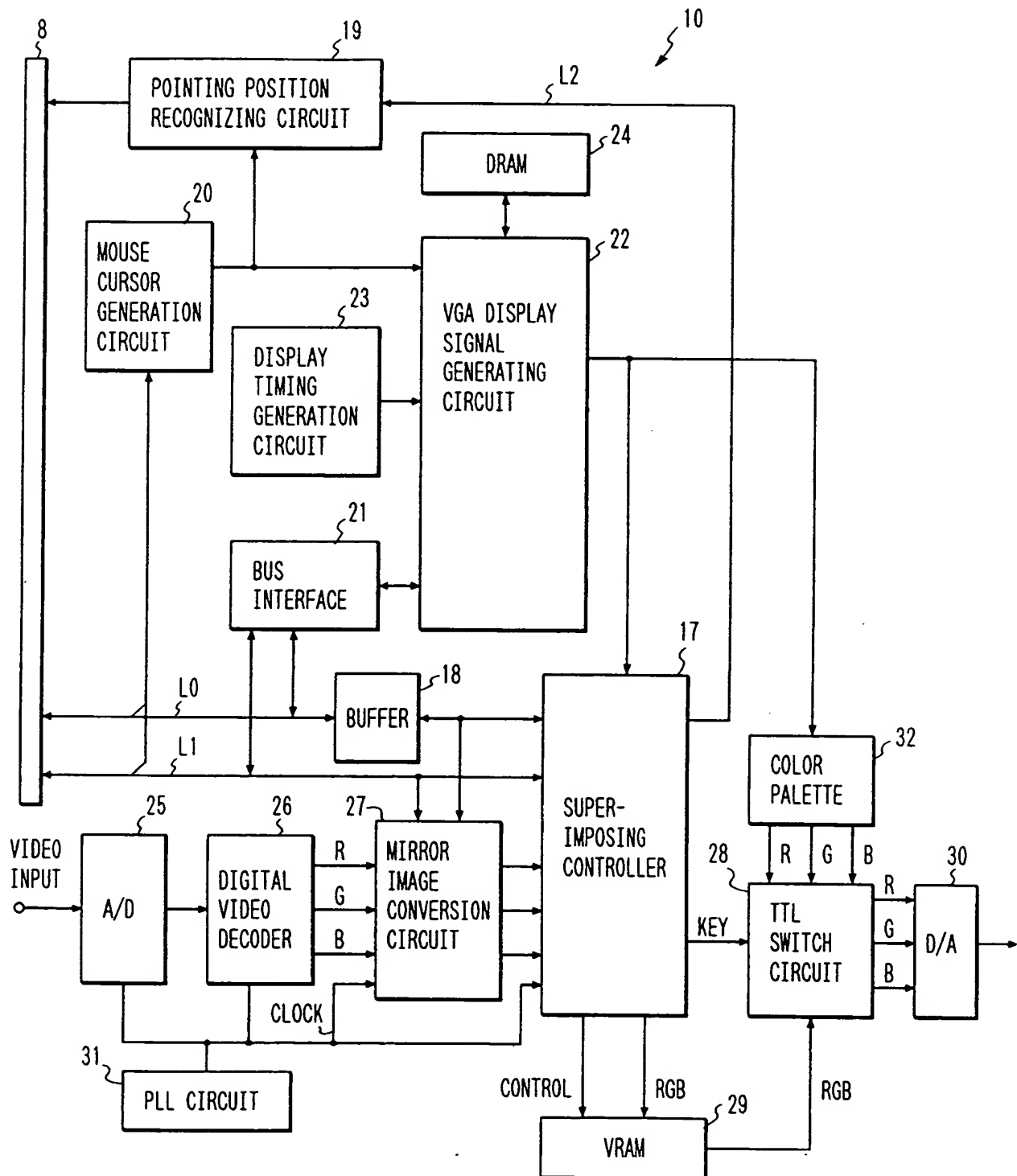


FIG. 3

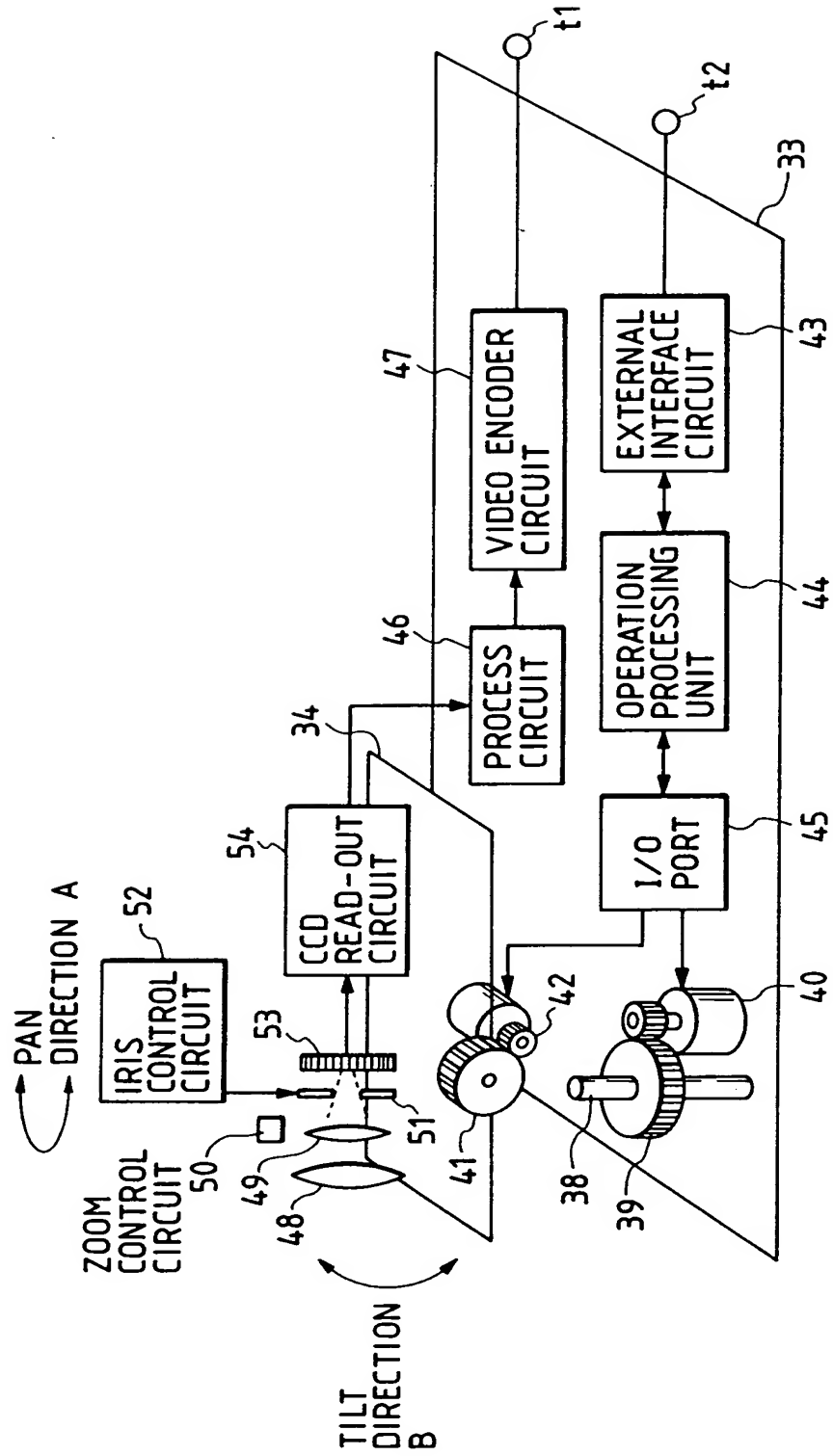


FIG. 4

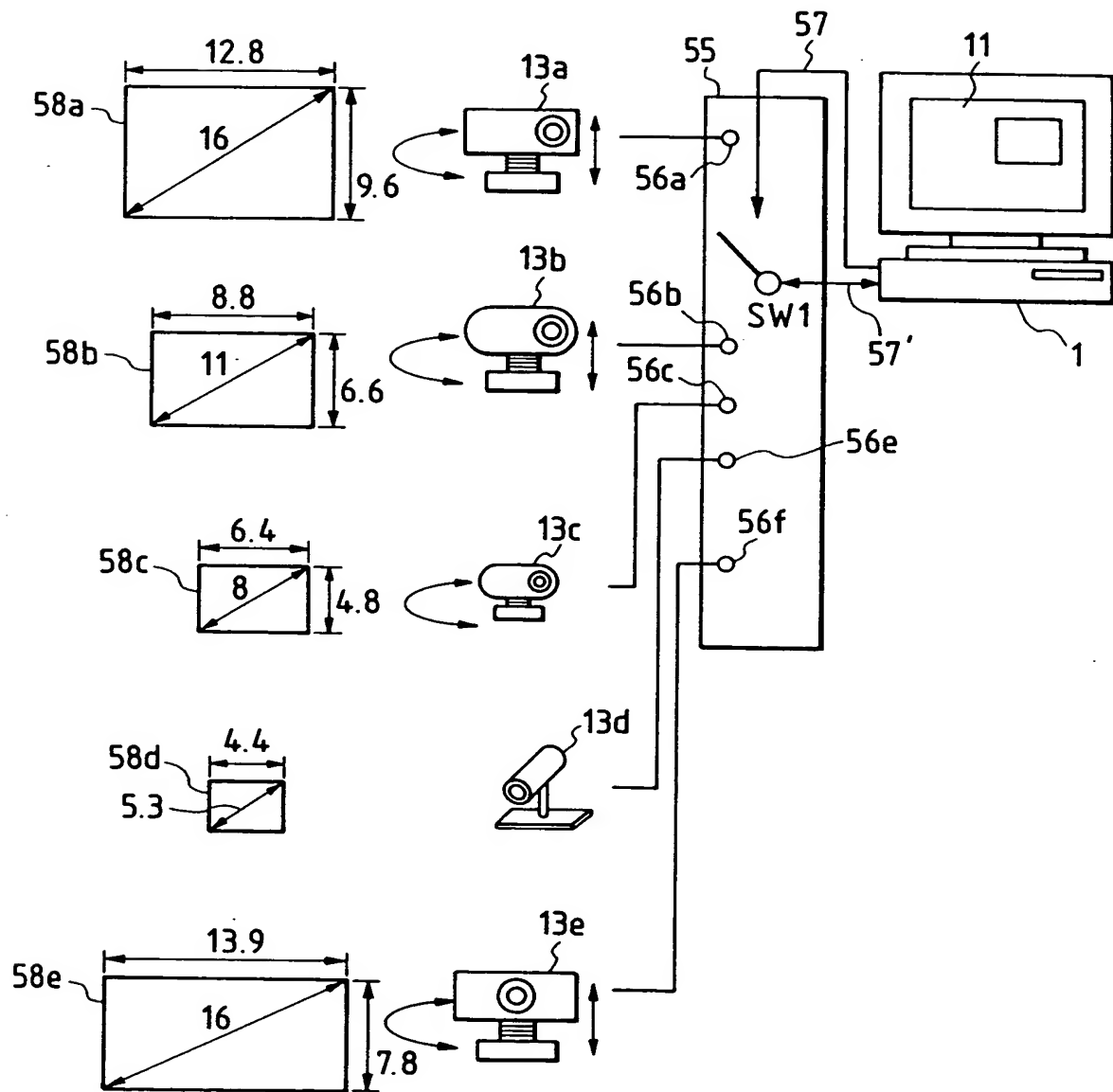


FIG. 5

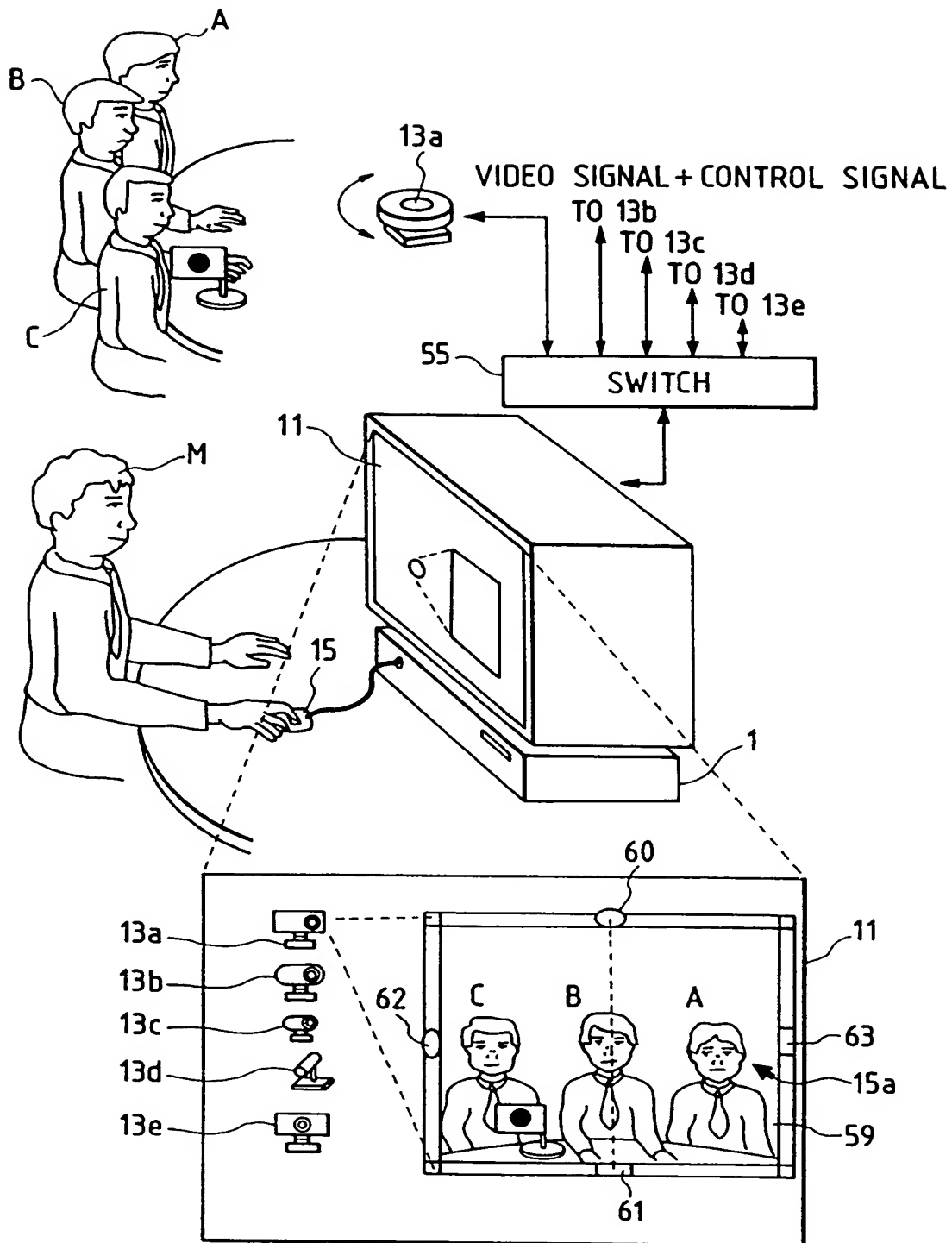


FIG. 6A

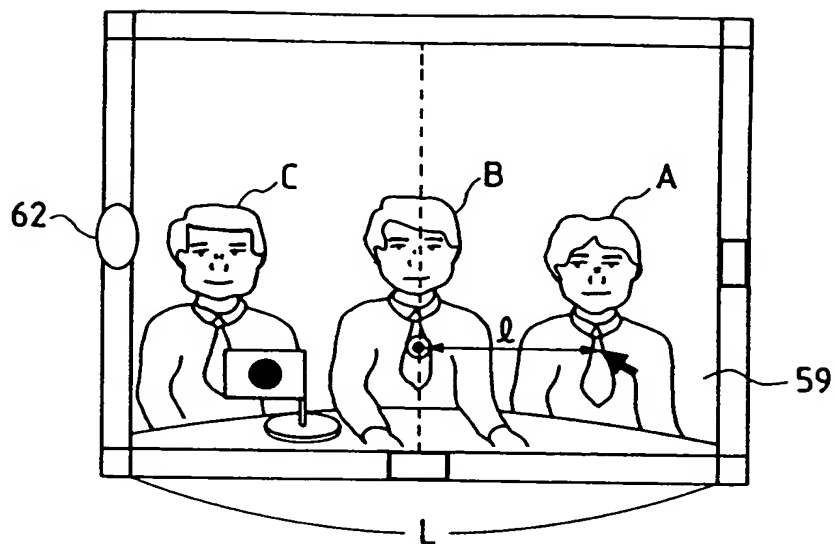


FIG. 6B

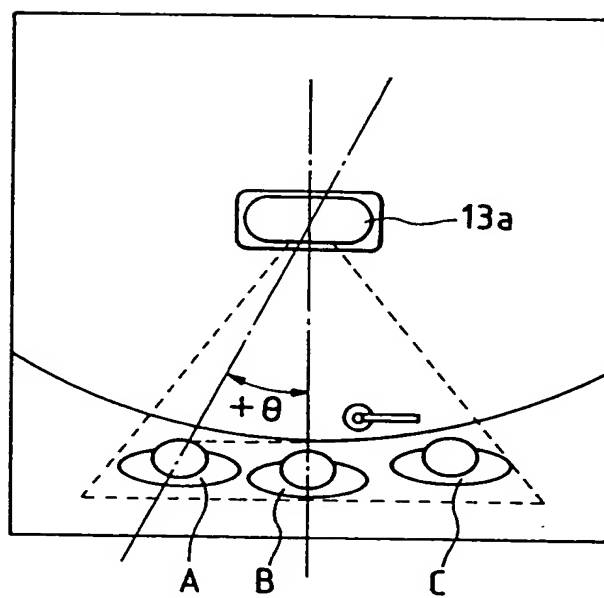


FIG. 7

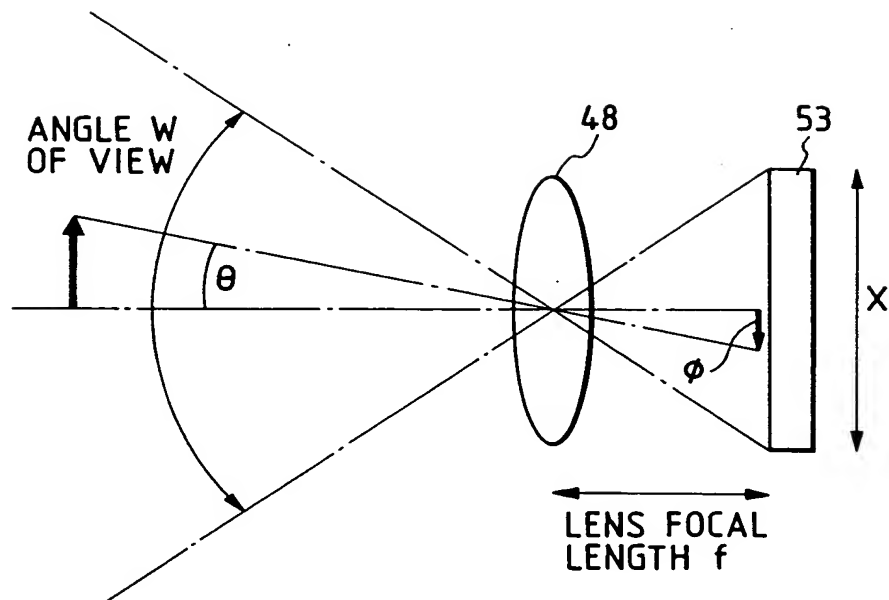


FIG. 8

|   |                            |                             |  |       |
|---|----------------------------|-----------------------------|--|-------|
| : | APPARATUS TO BE CONTROLLED | KINDS OF OPERATION COMMANDS |  | ----- |
|---|----------------------------|-----------------------------|--|-------|

APPARATUS TO BE CONTROLLED : V11--VIDEO CAMERA 13a  
 V12--VIDEO CAMERA 13b

⋮

## OPERATION COMMANDS

:F0--FOCUS MODE AUTO SETTING  
 F1--FOCUS MANUAL SETTING  
 F2--FOCUS POSITION LONG DISTANCE SETTING  
 F3--FOCUS NEAR DISTANCE SETTING  
 E0--IRIS MODE AUTO SETTING  
 E1--IRIS MANUAL SETTING  
 E2--IRIS LIGHT AMOUNT REDUCING MODE SETTING  
 E3--IRIS LIGHT AMOUNT INCREASING MODE SETTING  
 E5--IRIS LIGHT AMOUNT ABSOLUTE VALUE DESIGNATION  
 (USE EXTENSION)

I0--INITIALIZATION REQUEST  
 T0--STATUS SIGNAL RETURN REQUEST  
 T1--FUNCTION INFORMATION REQUEST COMMAND

Z0--ZOOM-UP SETTING  
 Z1--ZOOM-OUT SETTING  
 Z2--SETTING OF ZOOM MOVEMENT TO STORED POSITION  
 (USE EXTENSION)  
 Z5--ZOOM ABSOLUTE POSITION MOVEMENT  
 (USE EXTENSION)

U0--TRIPOD PAN CLOCKWISE ROTATION SETTING  
 U1--TRIPOD PAN COUNTERCLOCKWISE ROTATION SETTING  
 U2--TRIPOD TILT UPPER DIRECTION SETTING  
 U3--TRIPOD TILT LOWER DIRECTION SETTING  
 U4--DIRECT MOVEMENT TO STORED POSITION (USE EXTENSION)  
 U5--TRIPOD PAN DIRECTION ABSOLUTE ANGLE DESIGNATION  
 (USE EXTENSION)  
 U6--TRIPOD TILT DIRECTION ABSOLUTE ANGLE DESIGNATION  
 (USE EXTENSION)



FIG. 9

|   |                            |                            |             |  |
|---|----------------------------|----------------------------|-------------|--|
| . | CAMERA APPARATUS<br>NUMBER | KINDS OF<br>INFORMATION CA | STATUS CODE |  |
|   |                            |                            |             |  |

M0: OPERATION FINISHED  
M1: NOW OPERATING

FIG. 10

|        |                               |                               |                |                                     |                                   |                         |  |  |  |
|--------|-------------------------------|-------------------------------|----------------|-------------------------------------|-----------------------------------|-------------------------|--|--|--|
|        |                               |                               |                |                                     |                                   |                         |  |  |  |
| :<br>: | CAMERA<br>APPARATUS<br>NUMBER | KINDS OF<br>INFORMATION<br>CA | SENSOR<br>SIZE | HORIZONTAL<br>MOVING RANGE<br>ANGLE | VERTICAL<br>MOVING RANGE<br>ANGLE | VIDEO<br>SIGNAL<br>FORM |  |  |  |

FIG. 11

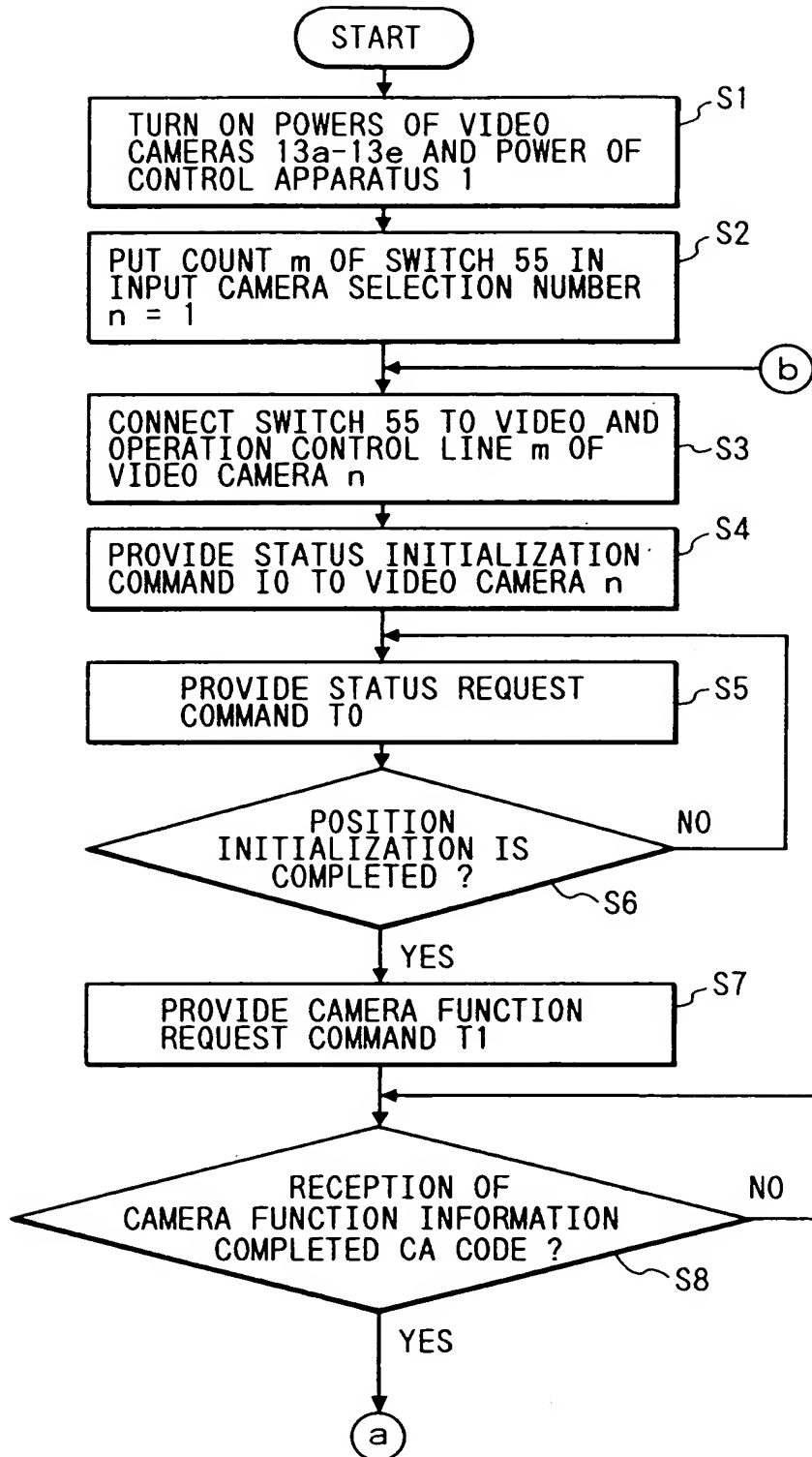


FIG. 12

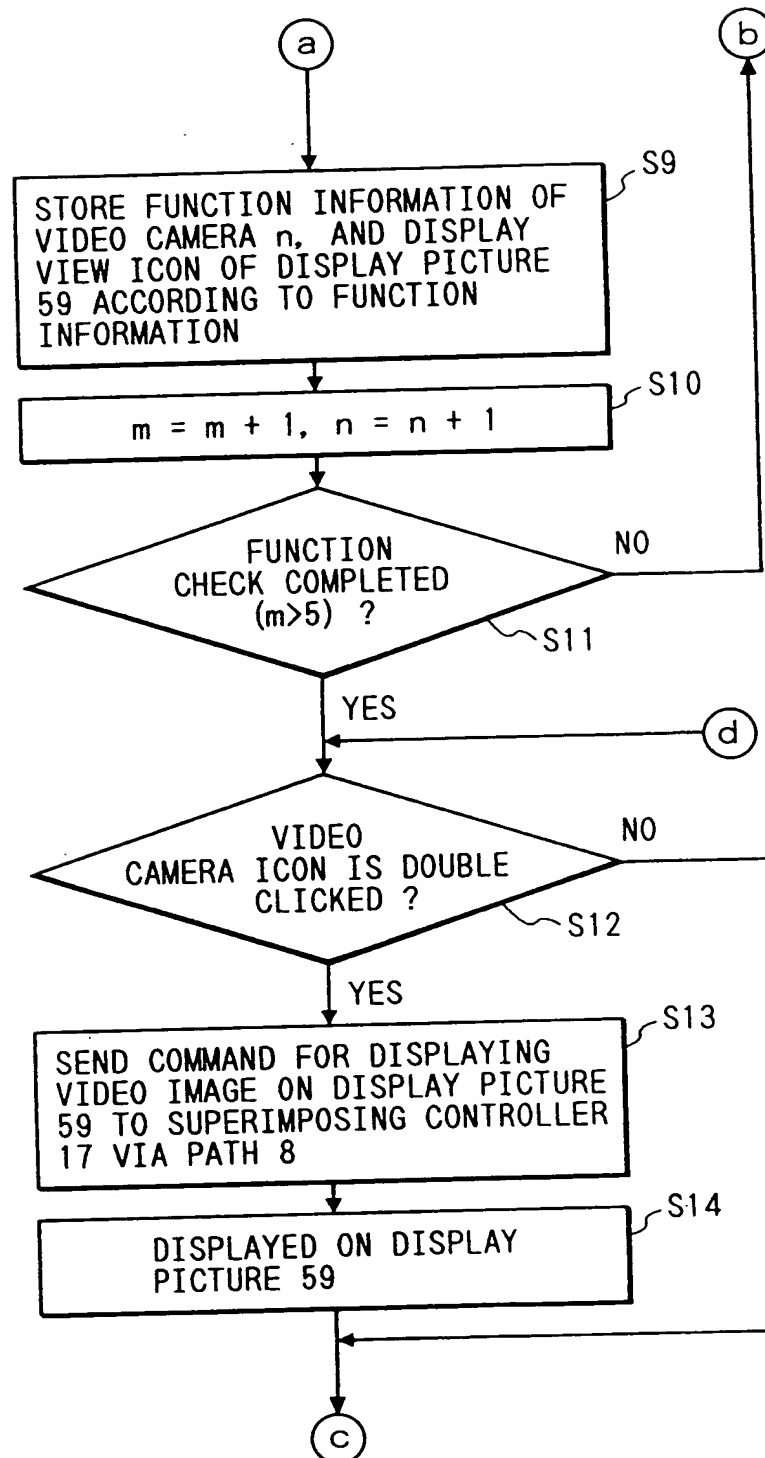


FIG. 13

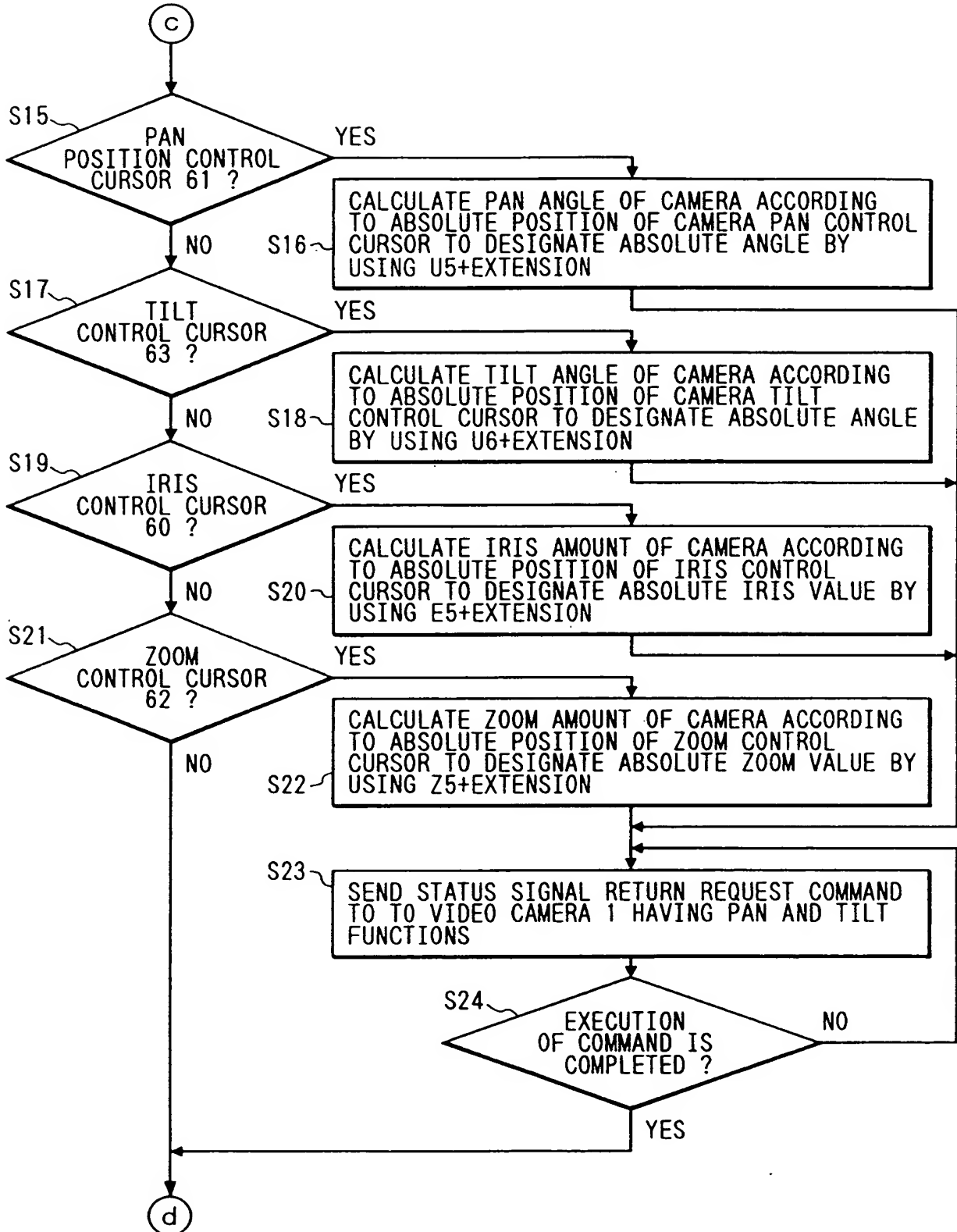
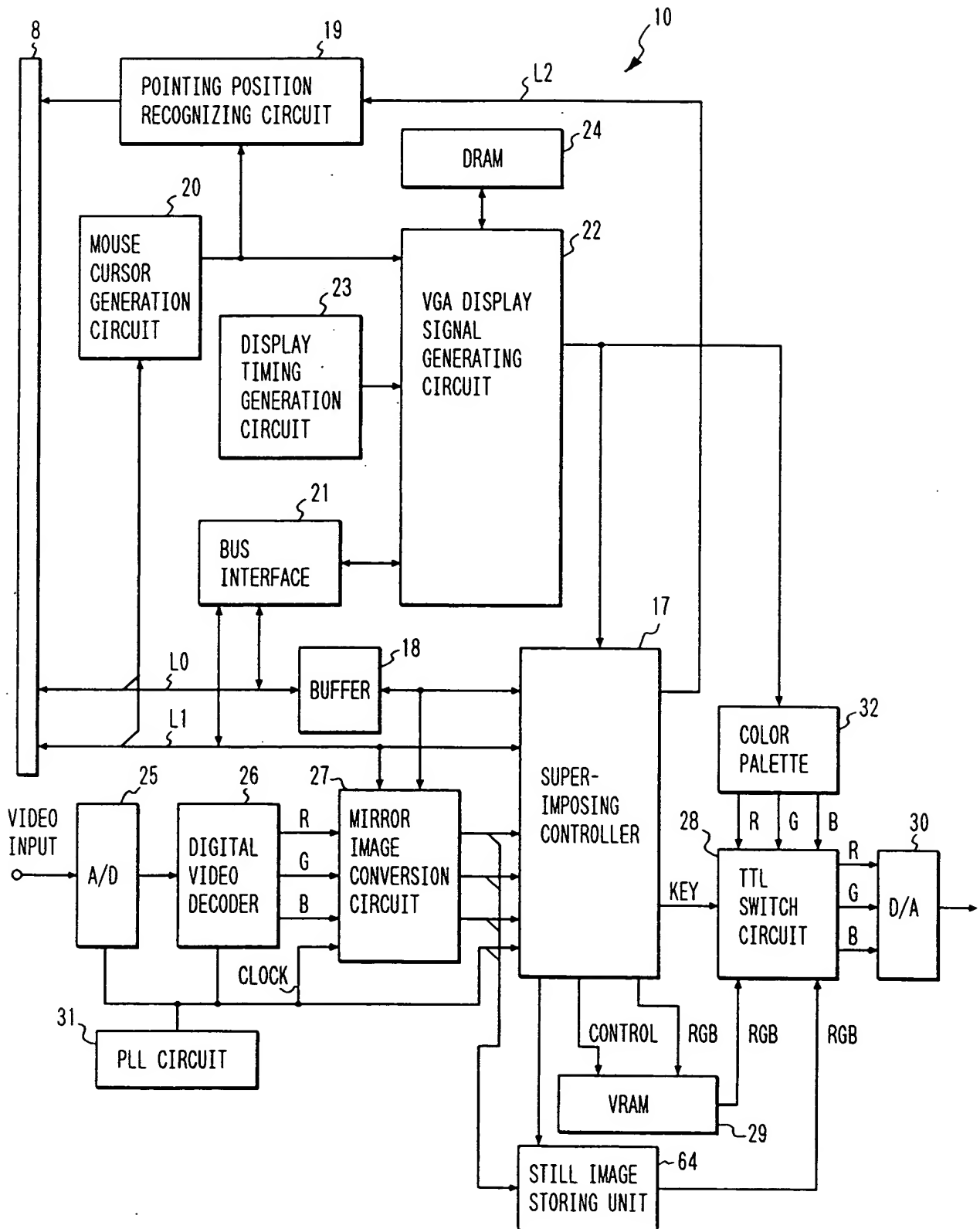


FIG. 14



*FIG. 15*

|   |
|---|
| PAN ANGLE ( $+\alpha$ )                   |
| TILT ANGLE ( $\theta$ )                   |
| ZOOM ANGLE OF VIEW ( $W_1$ )              |
| WINDOW DISPLAY SIZE                       |
| WINDOW DISPLAY START POINT ( $P_x, P_y$ ) |
|   |

FIG. 16

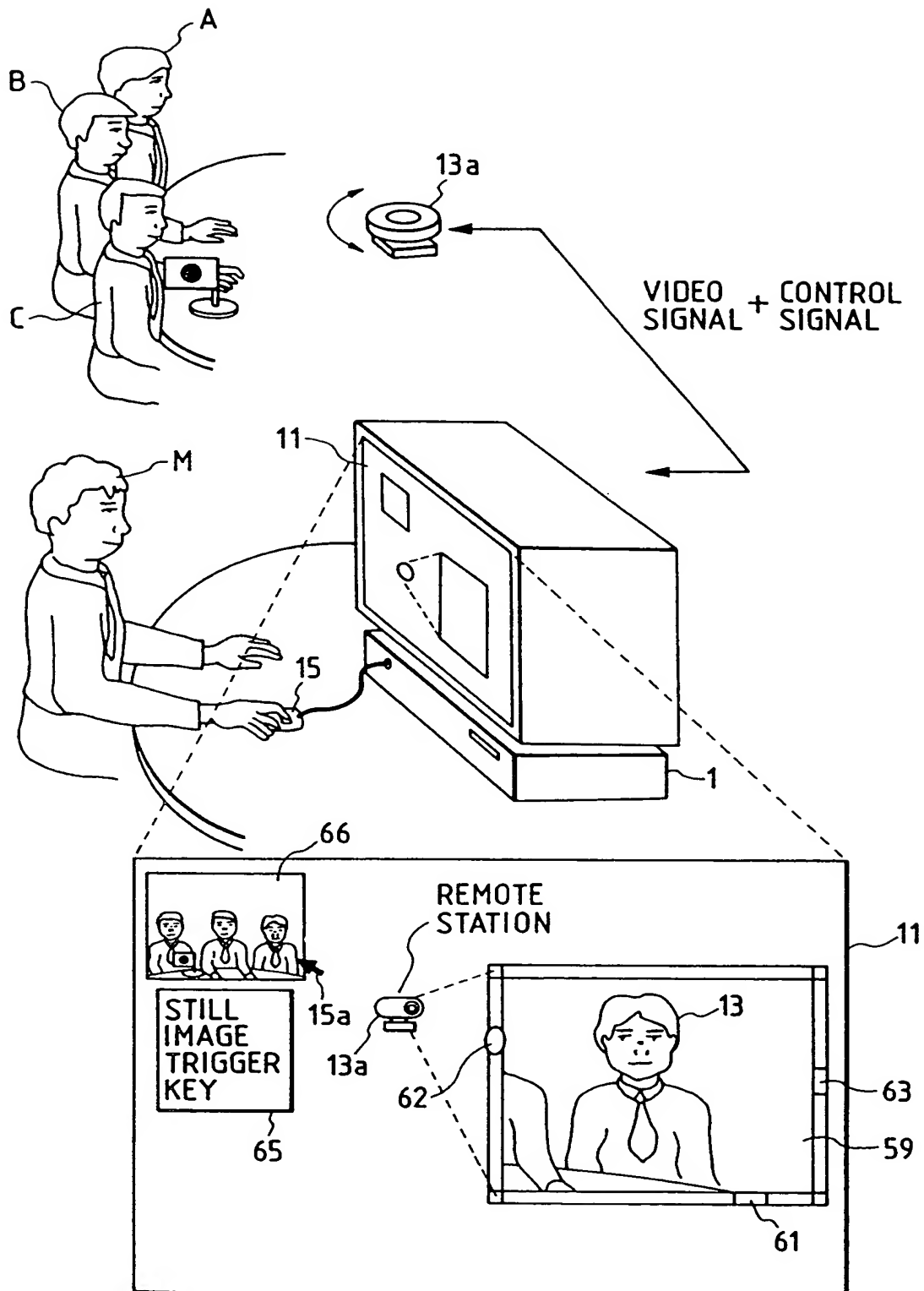


FIG. 17A

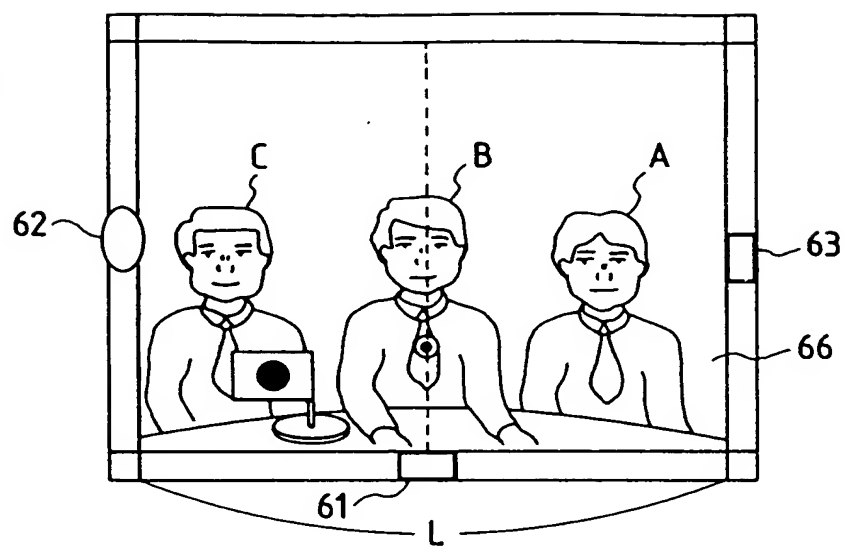


FIG. 17B

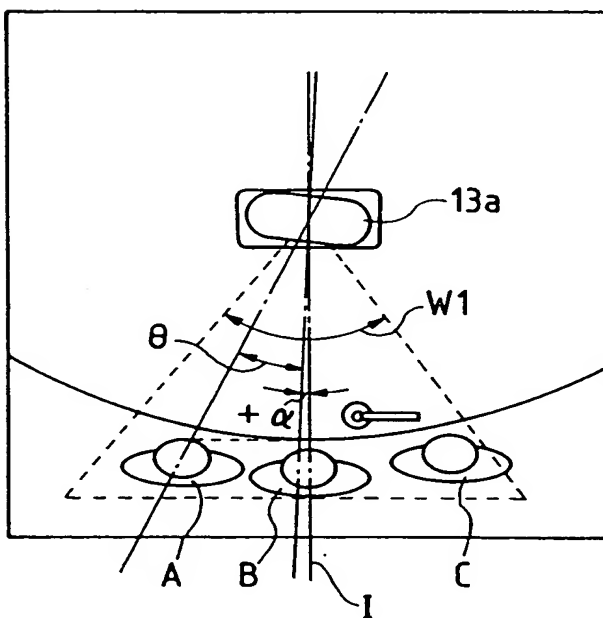




FIG. 18A

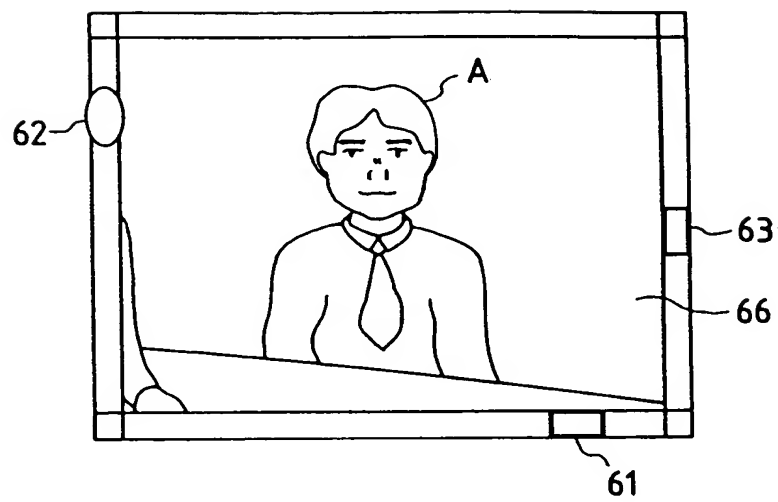


FIG. 18B

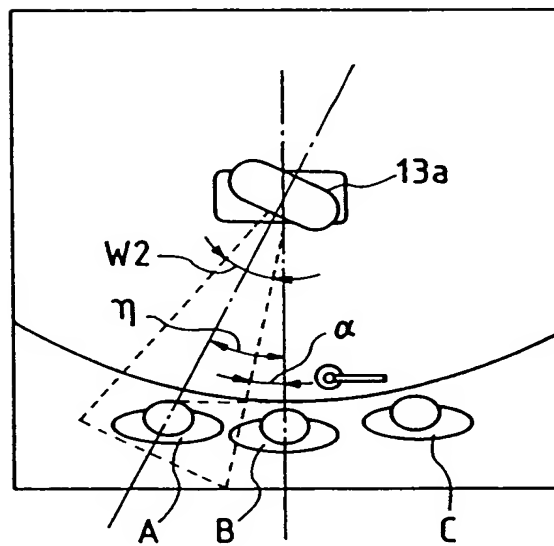


FIG. 19A

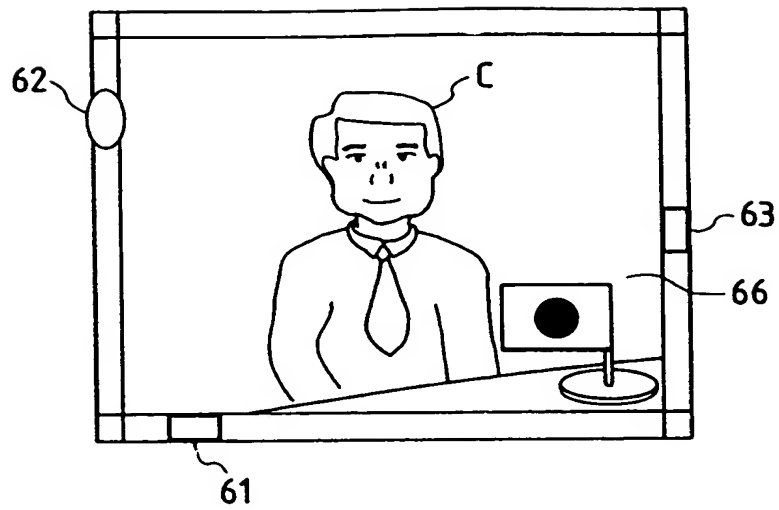


FIG. 19B

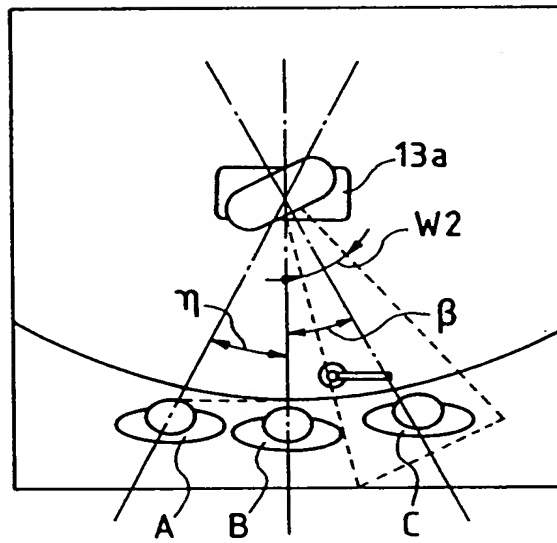


FIG. 20

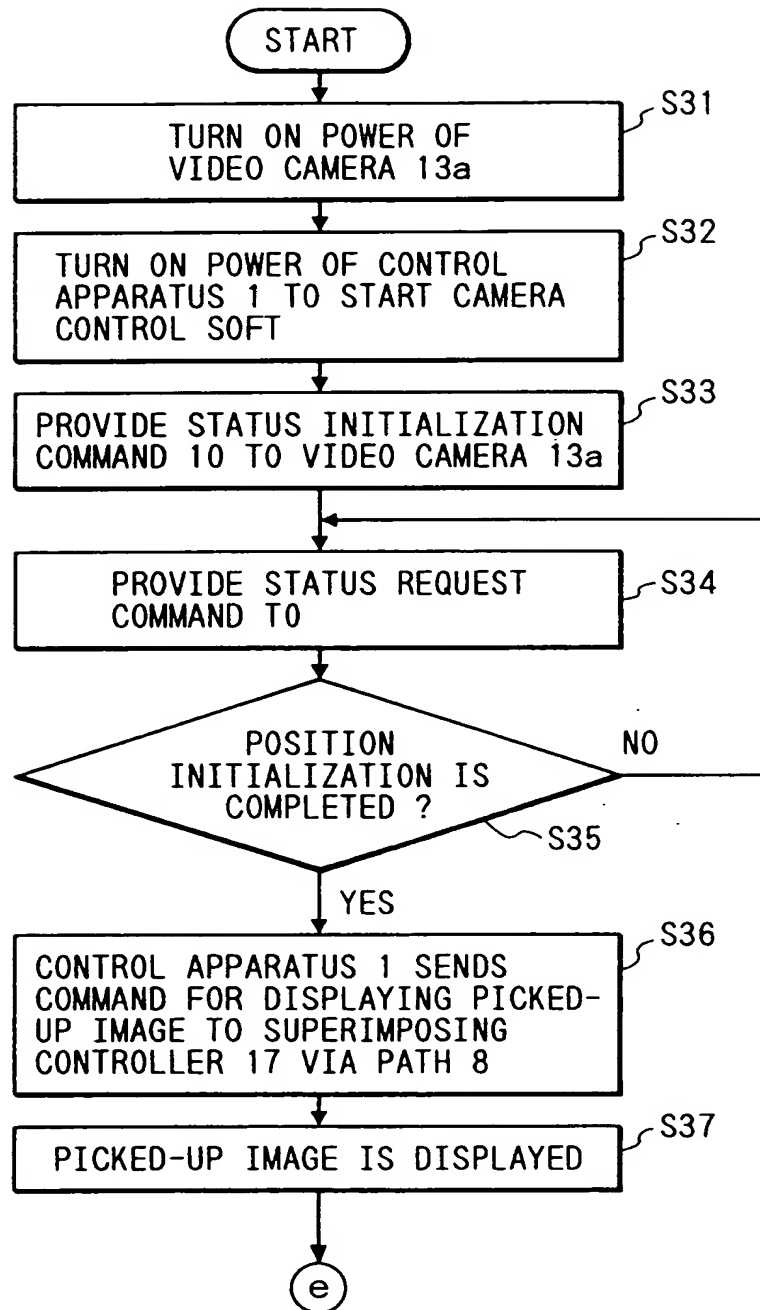


FIG. 21

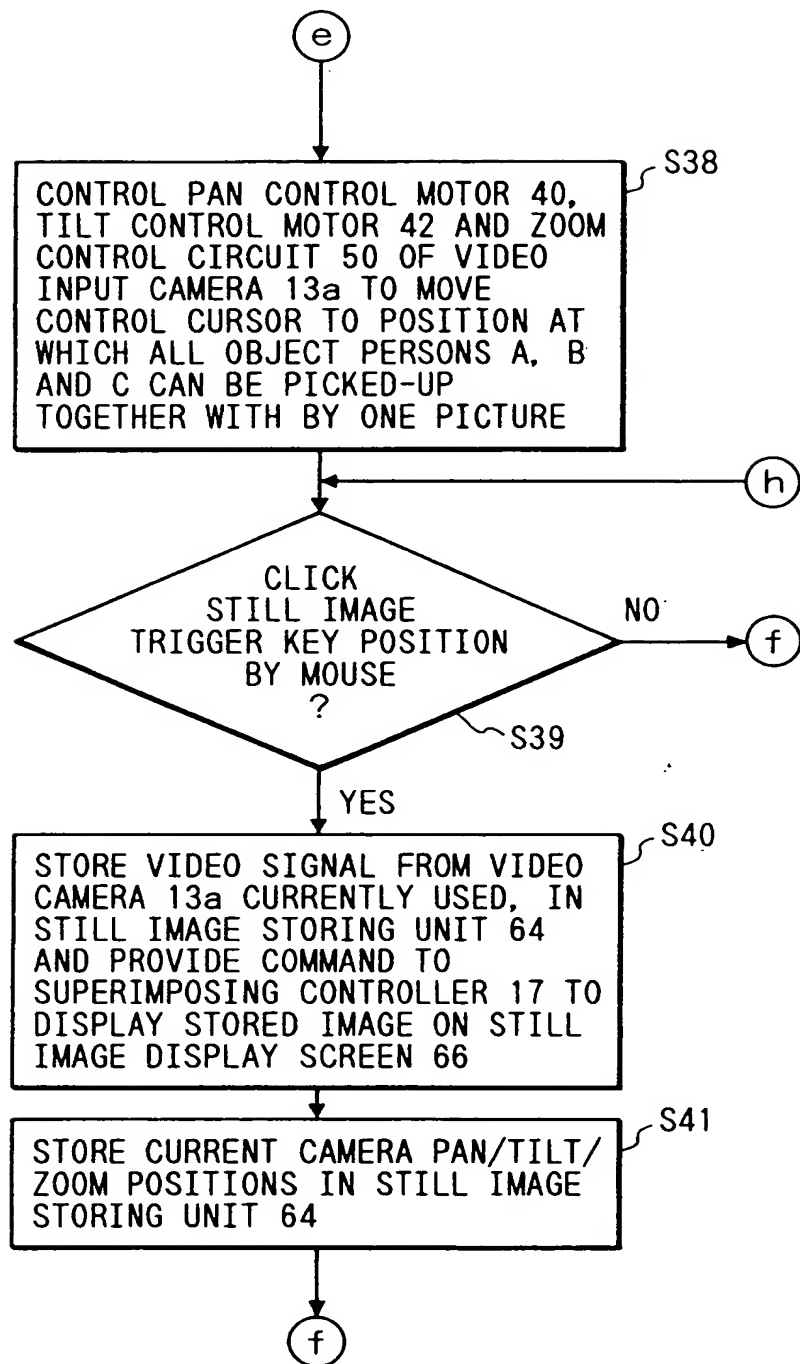


FIG. 22

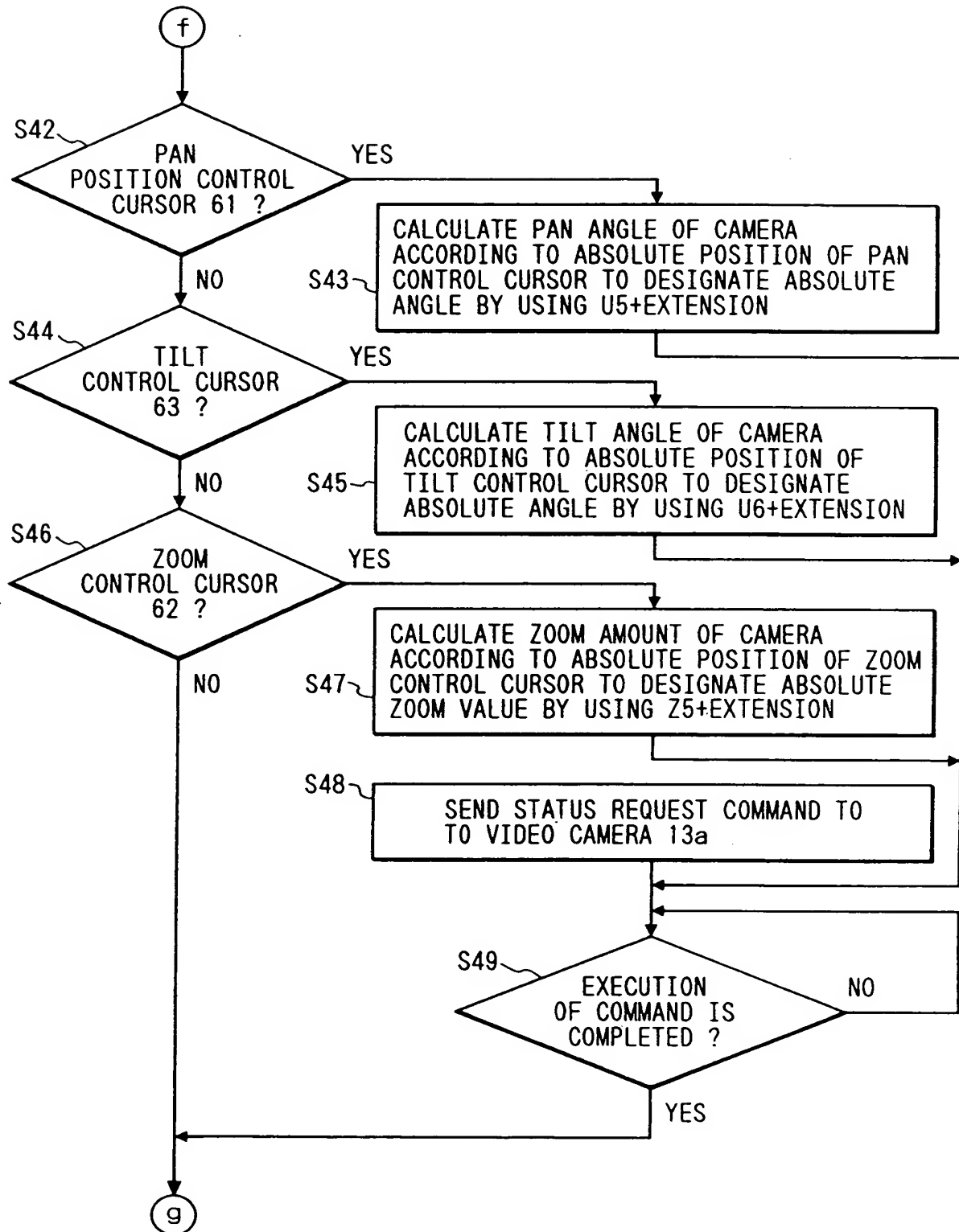


FIG. 23

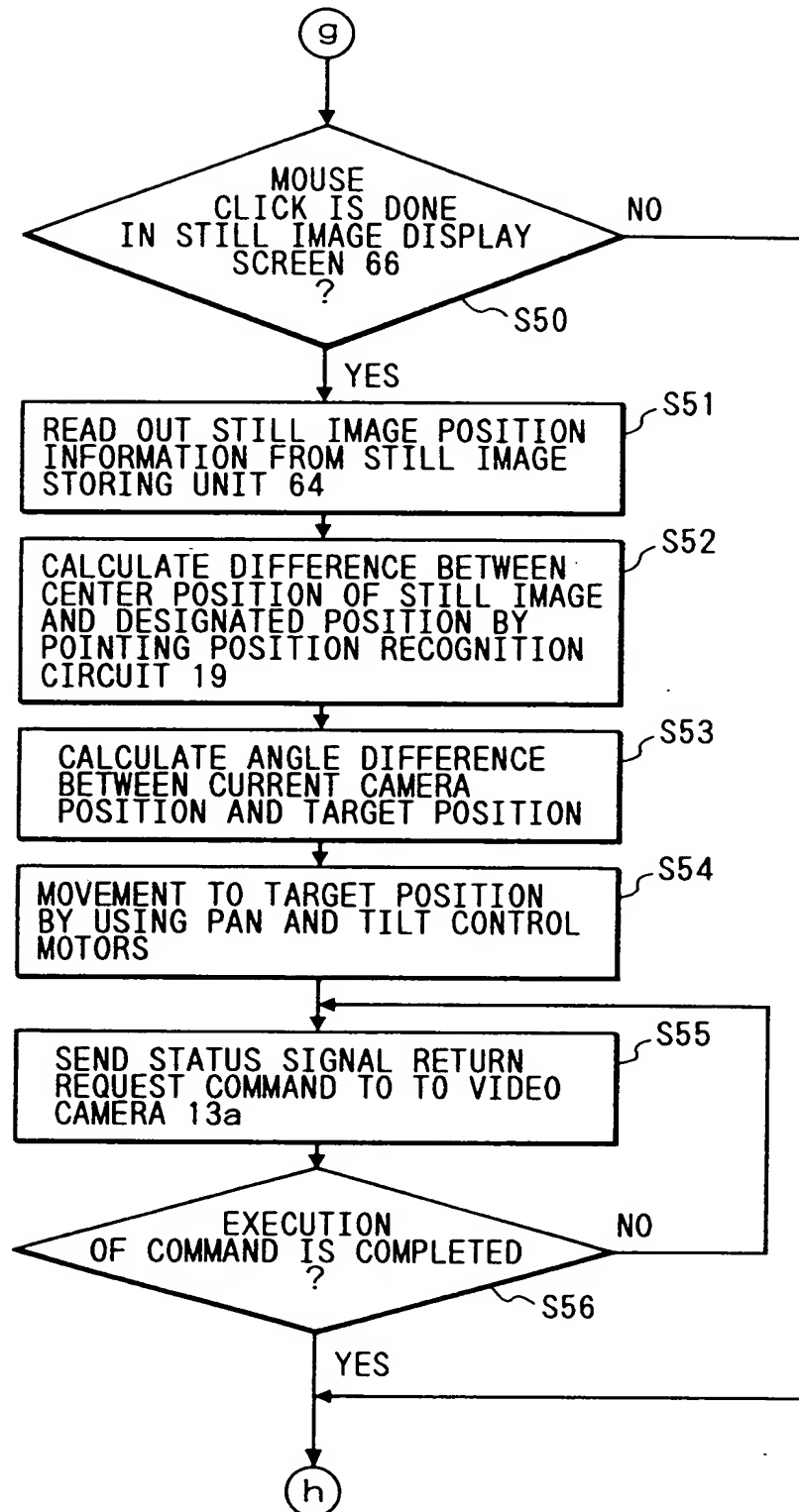


FIG. 24

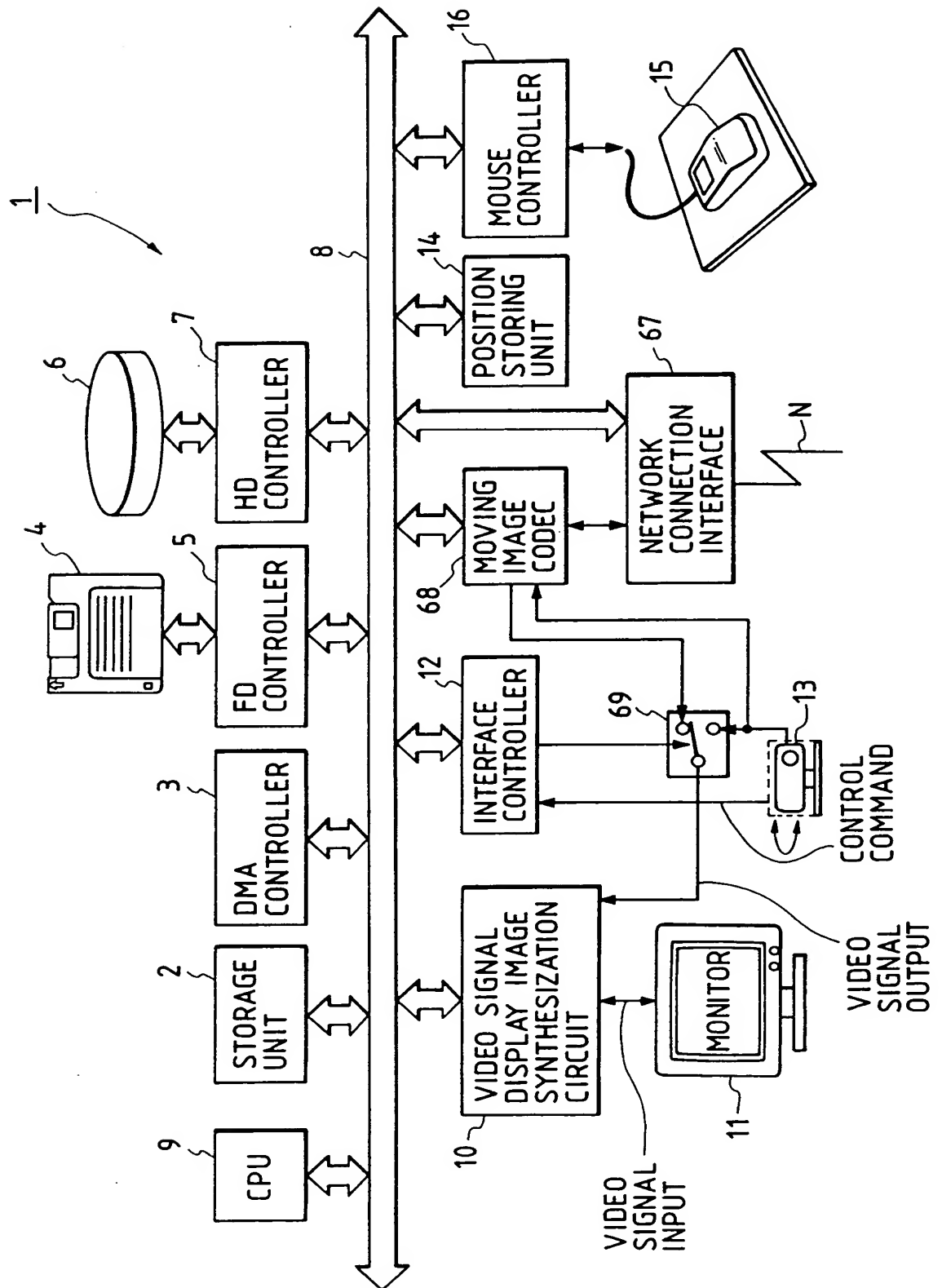


FIG. 25

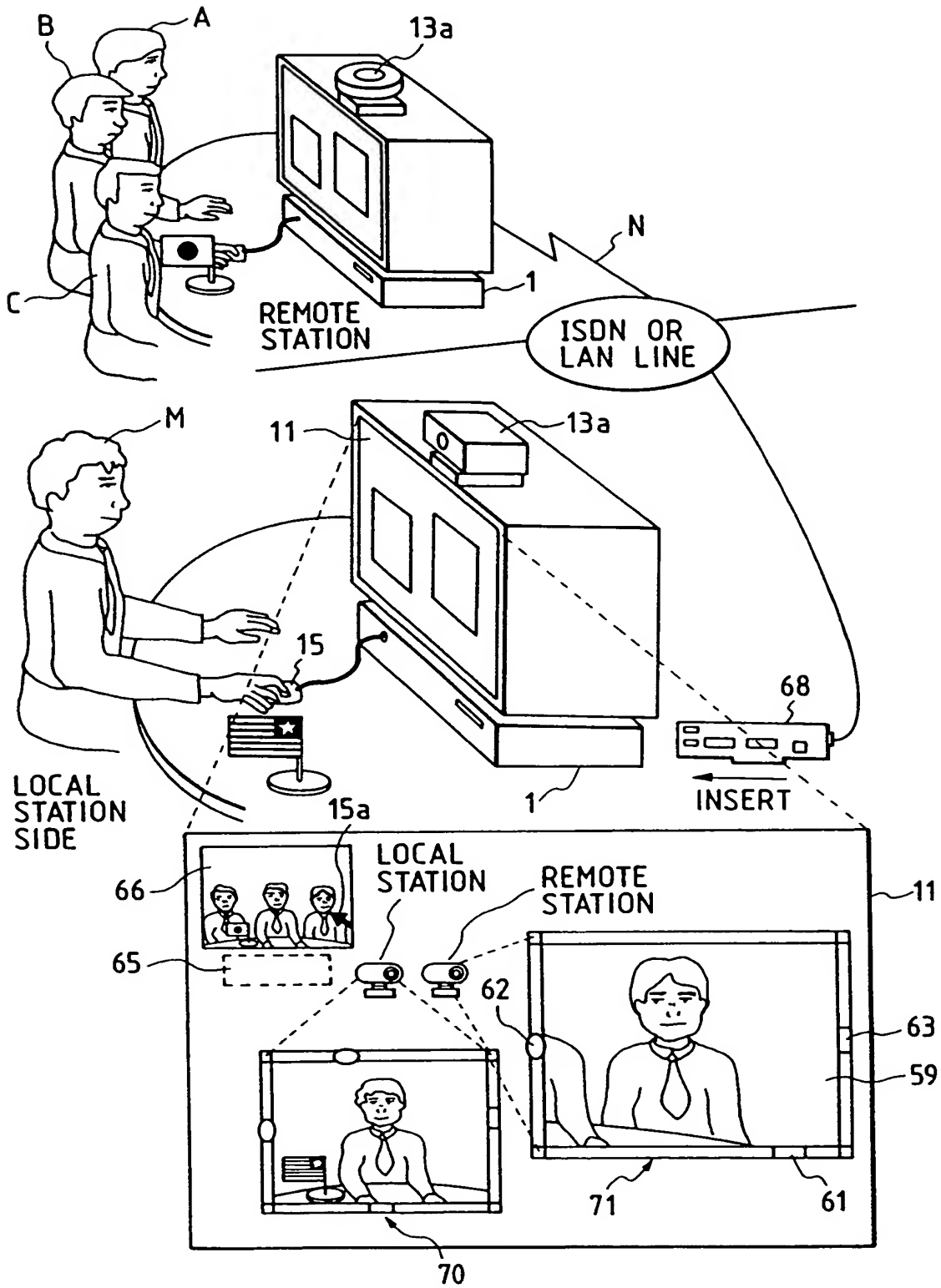




FIG. 26

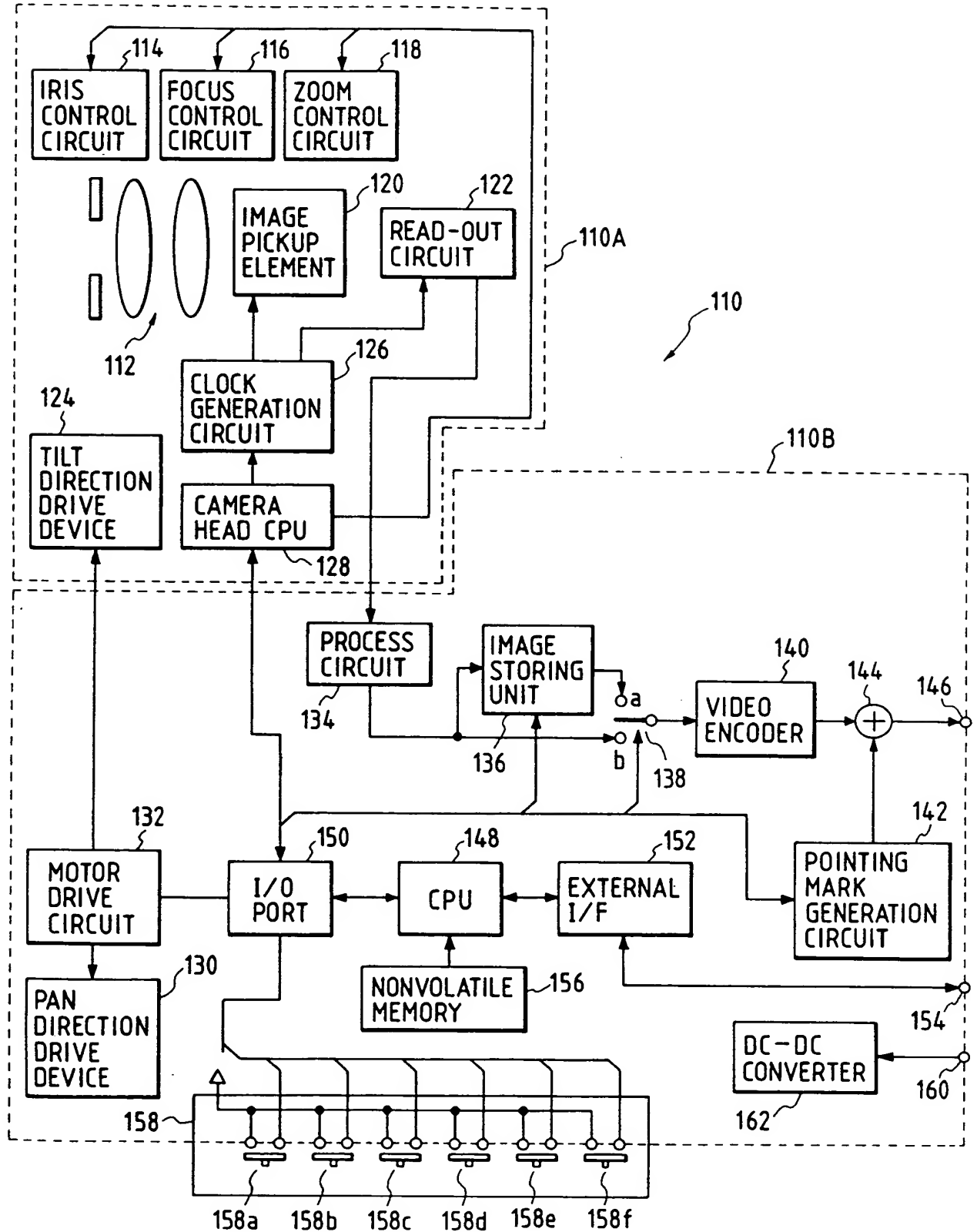


FIG. 27

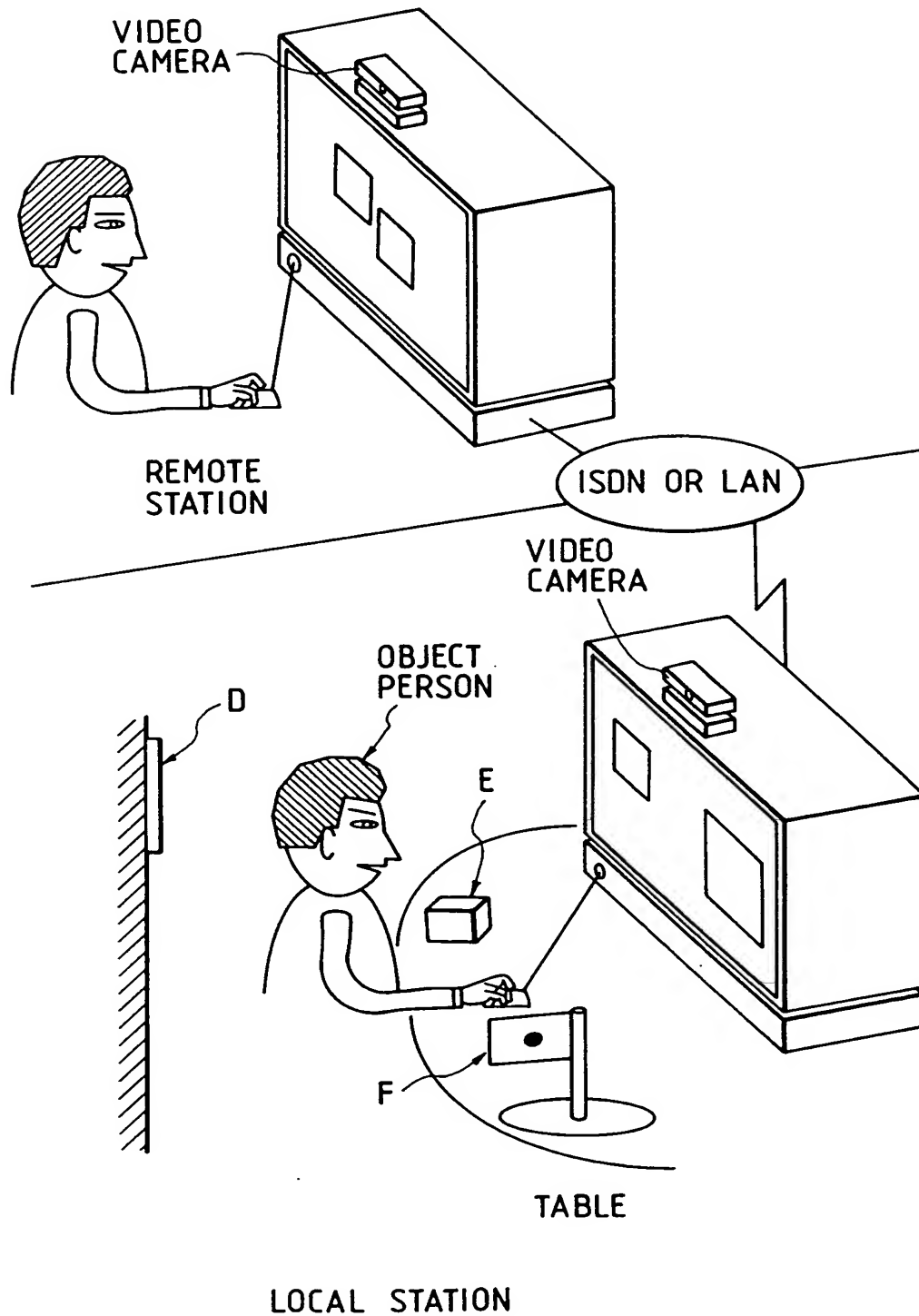


FIG. 28

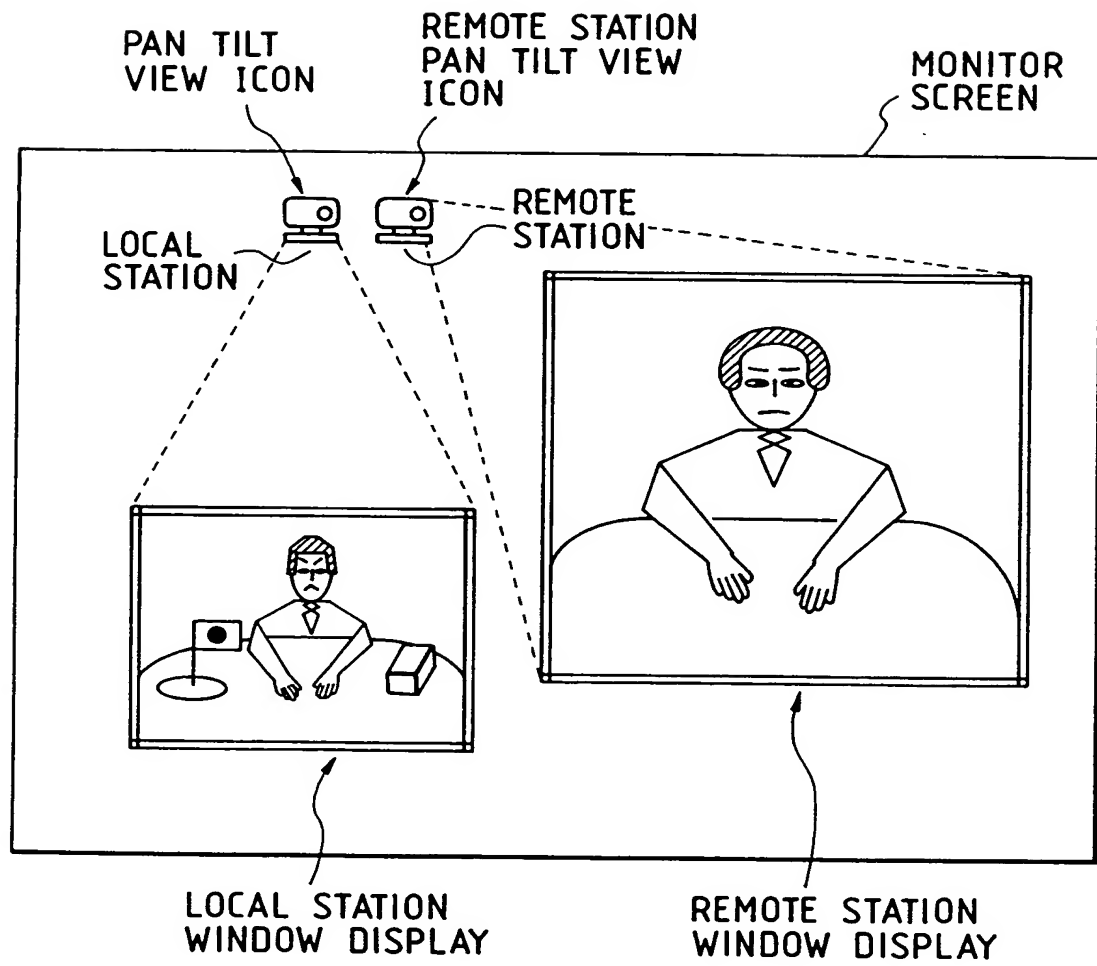


FIG. 29

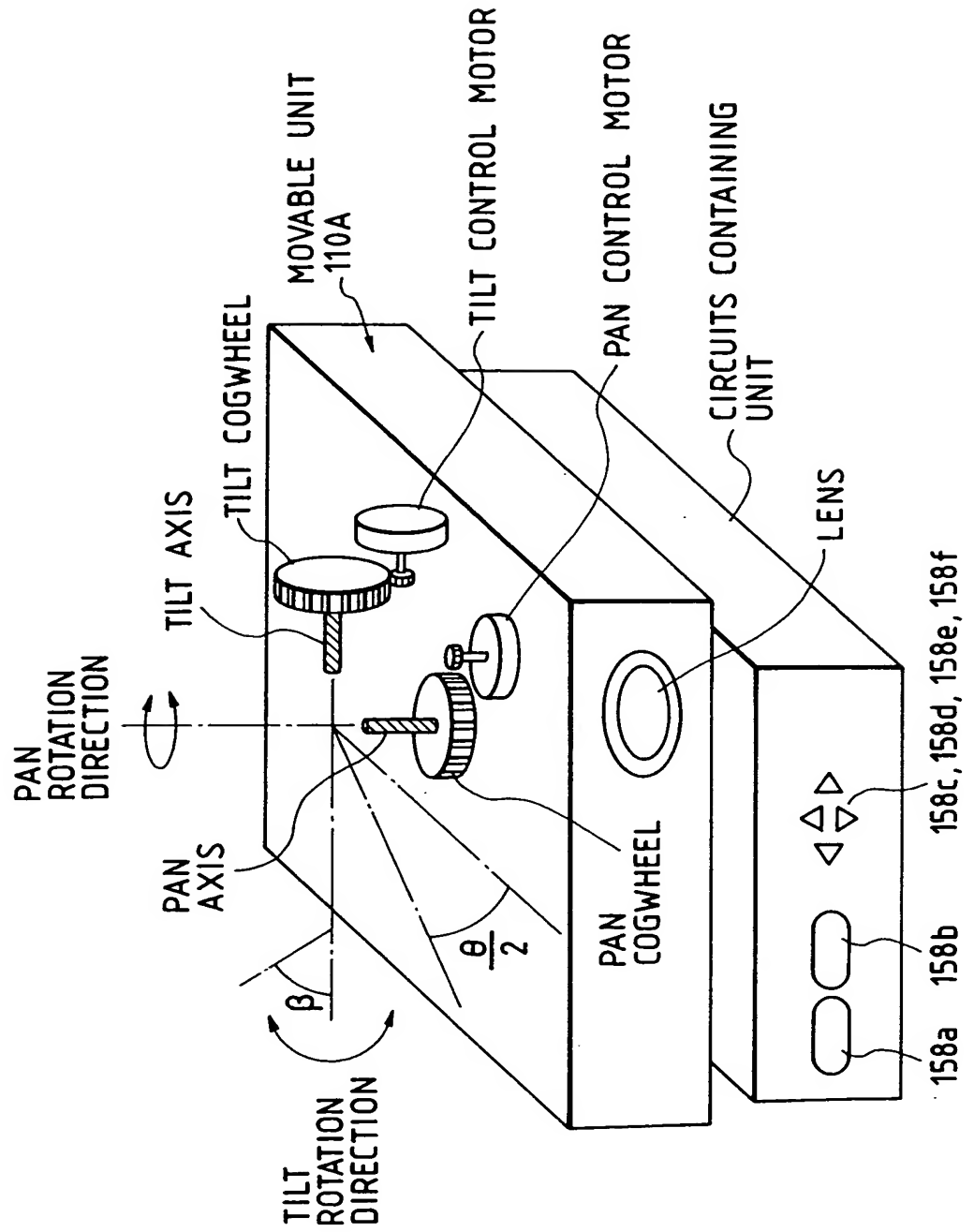


FIG. 30

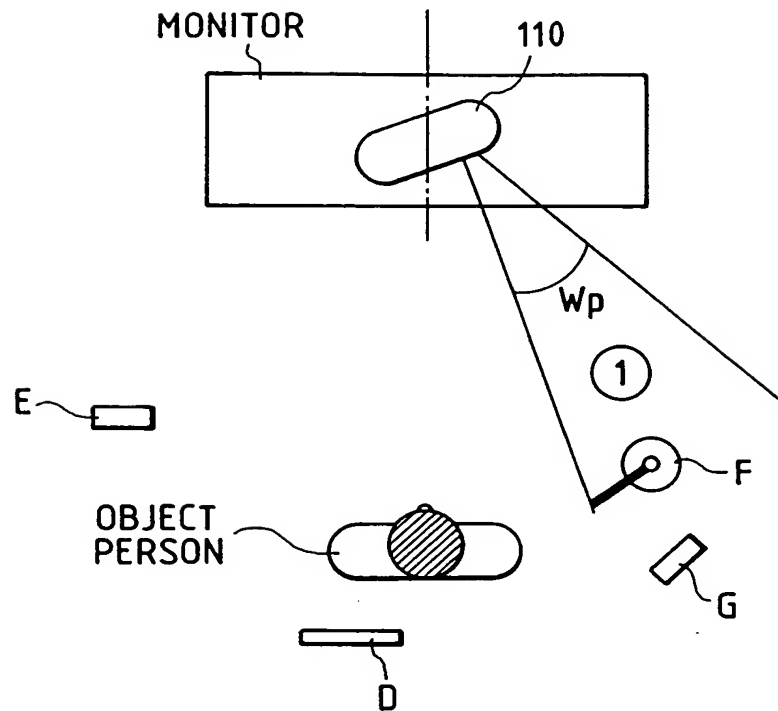


FIG. 31

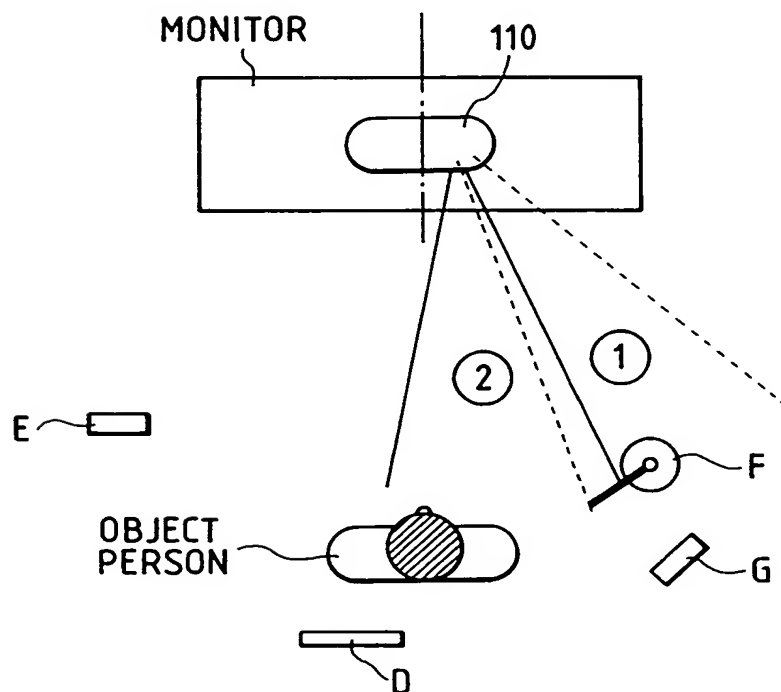


FIG. 32

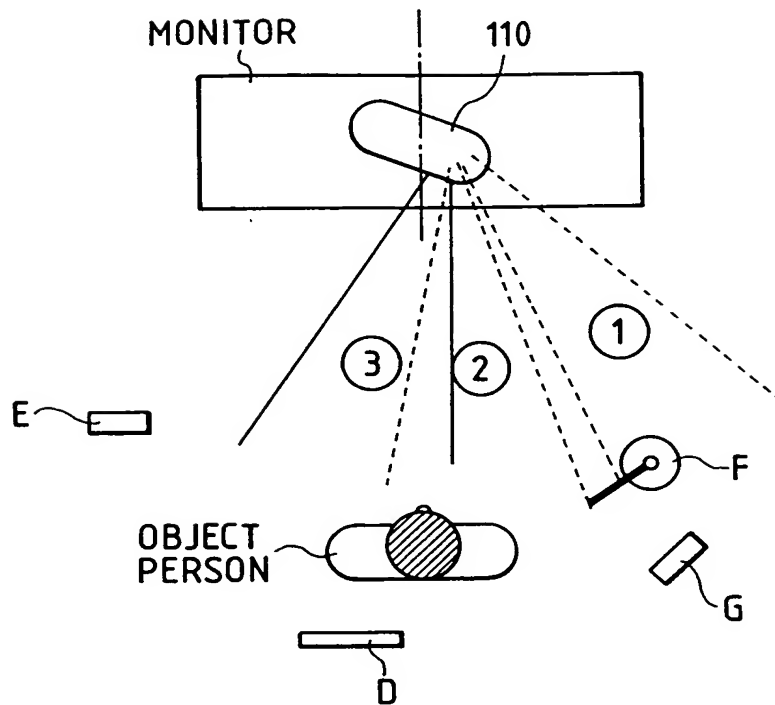


FIG. 33

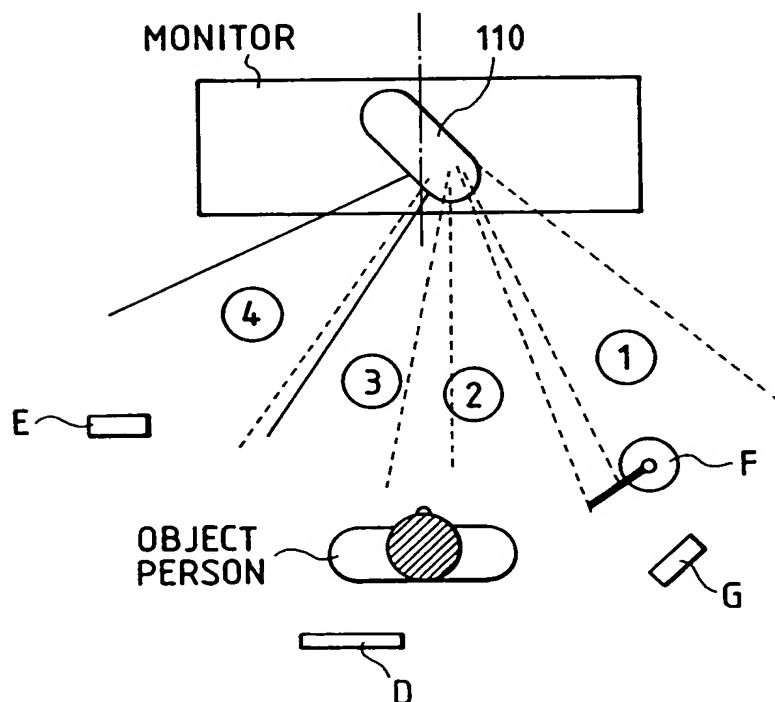


FIG. 34

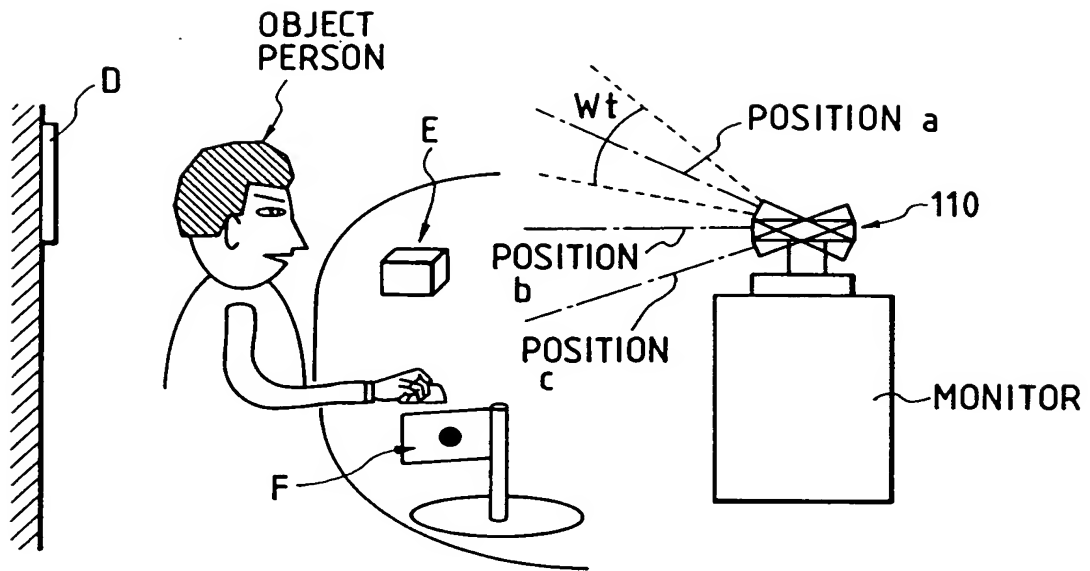


FIG. 35

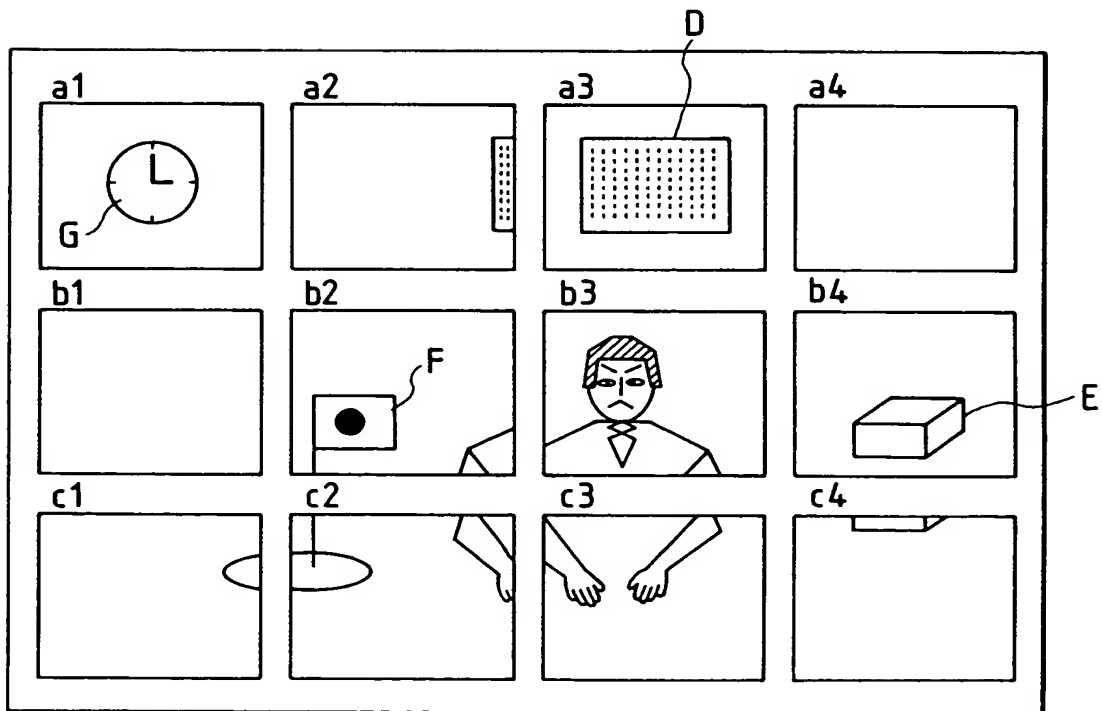


FIG. 36

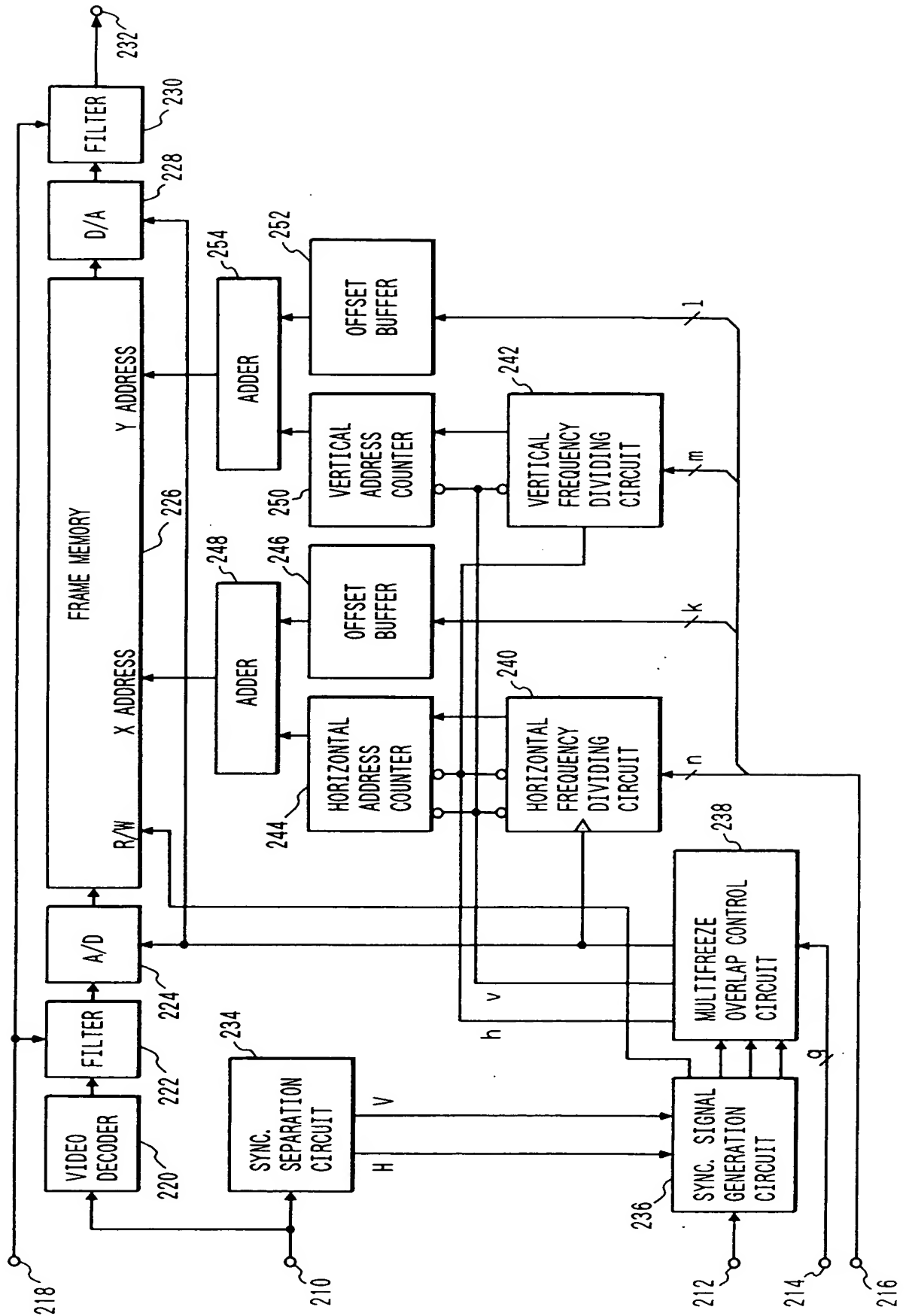




FIG. 37

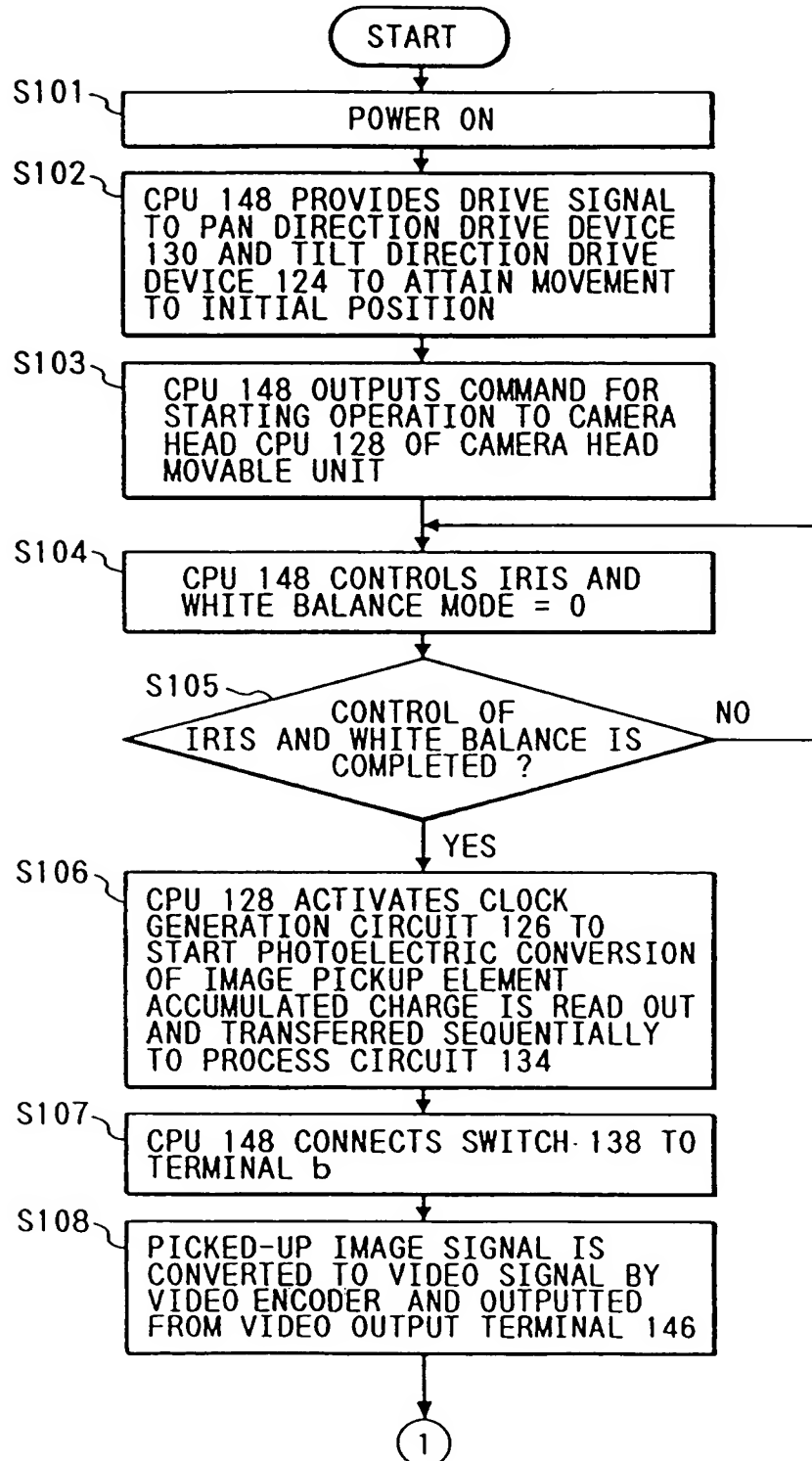


FIG. 38

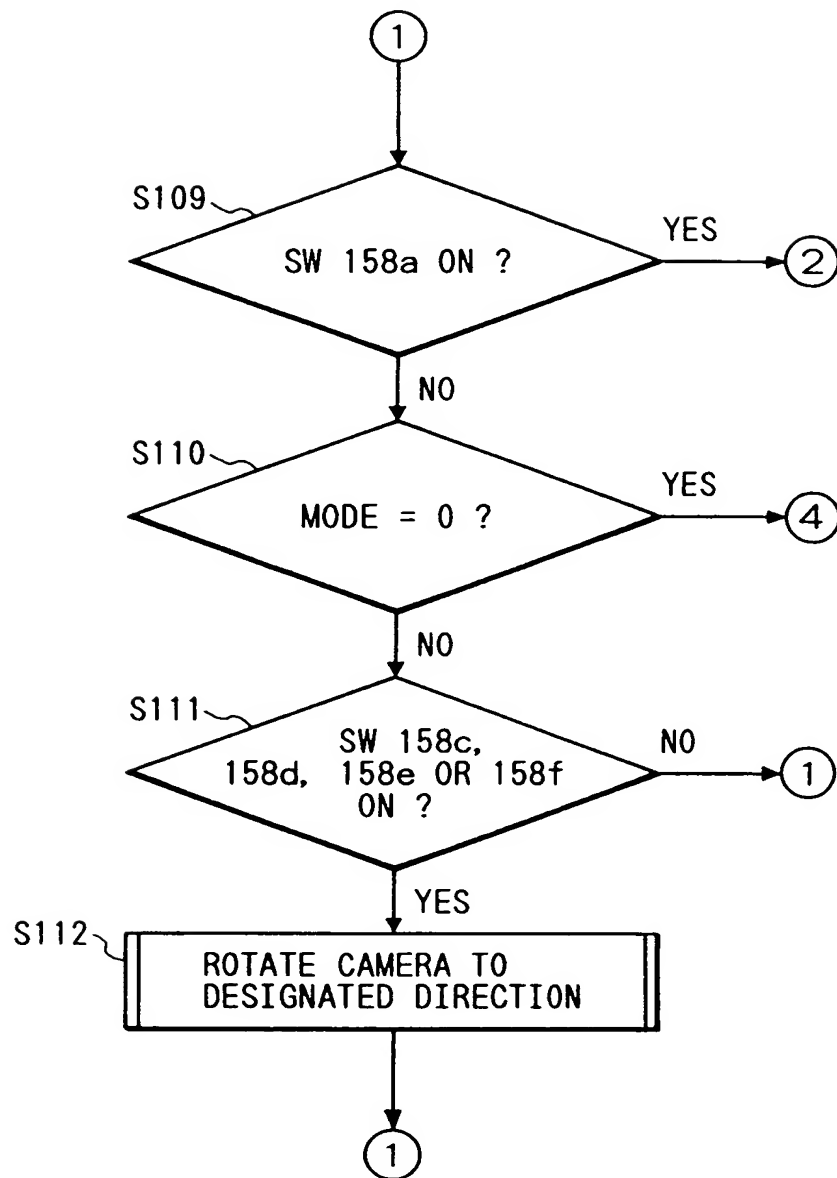


FIG. 39

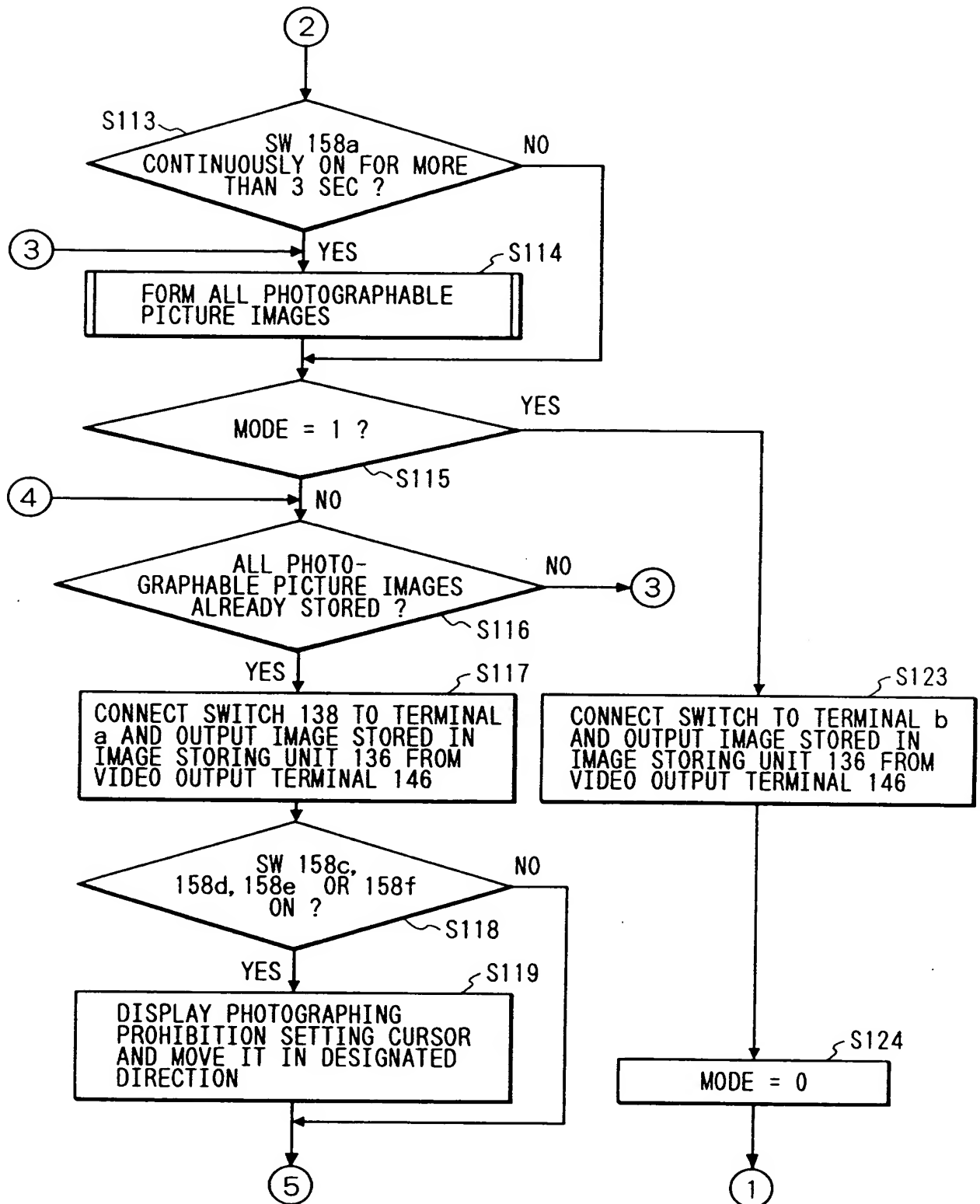


FIG. 40

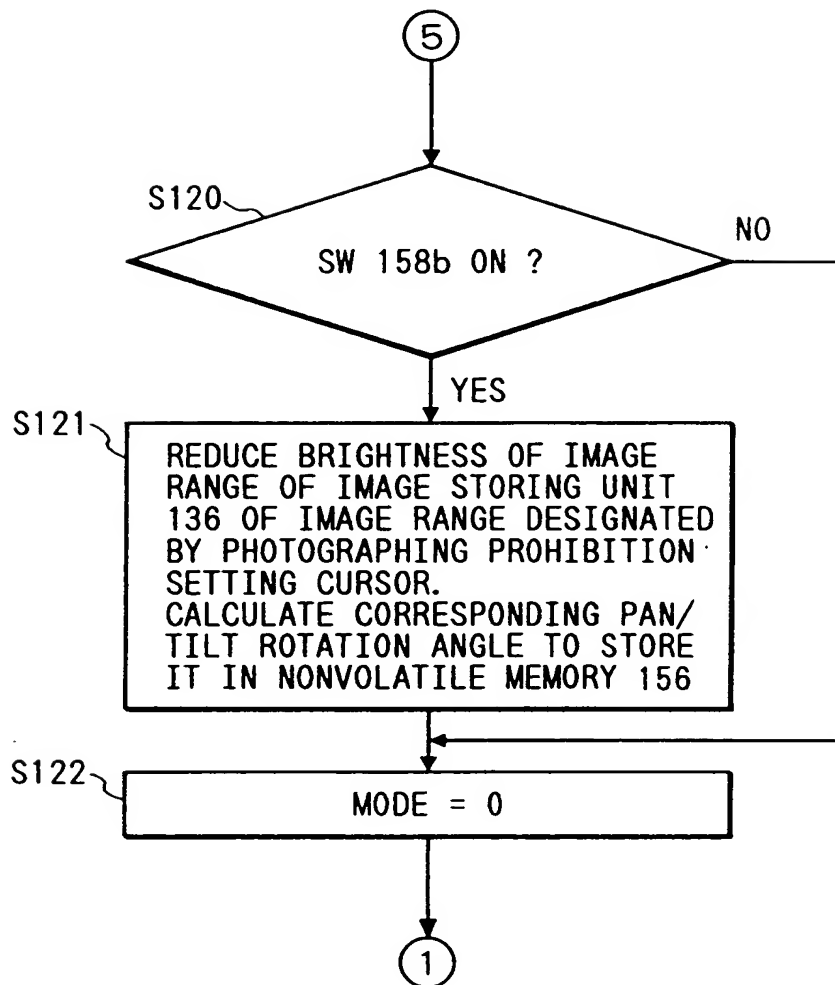


FIG. 41

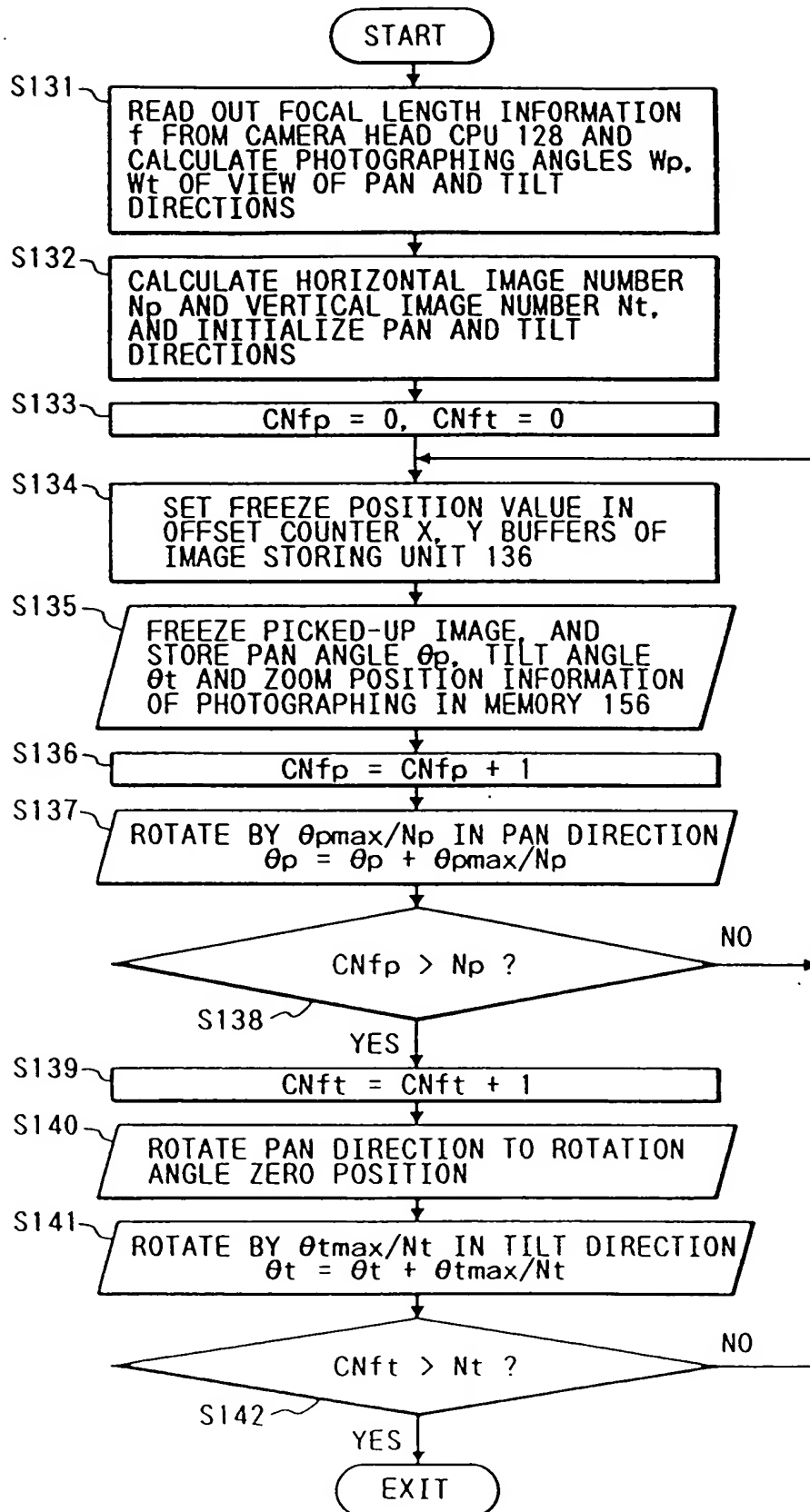


FIG. 42

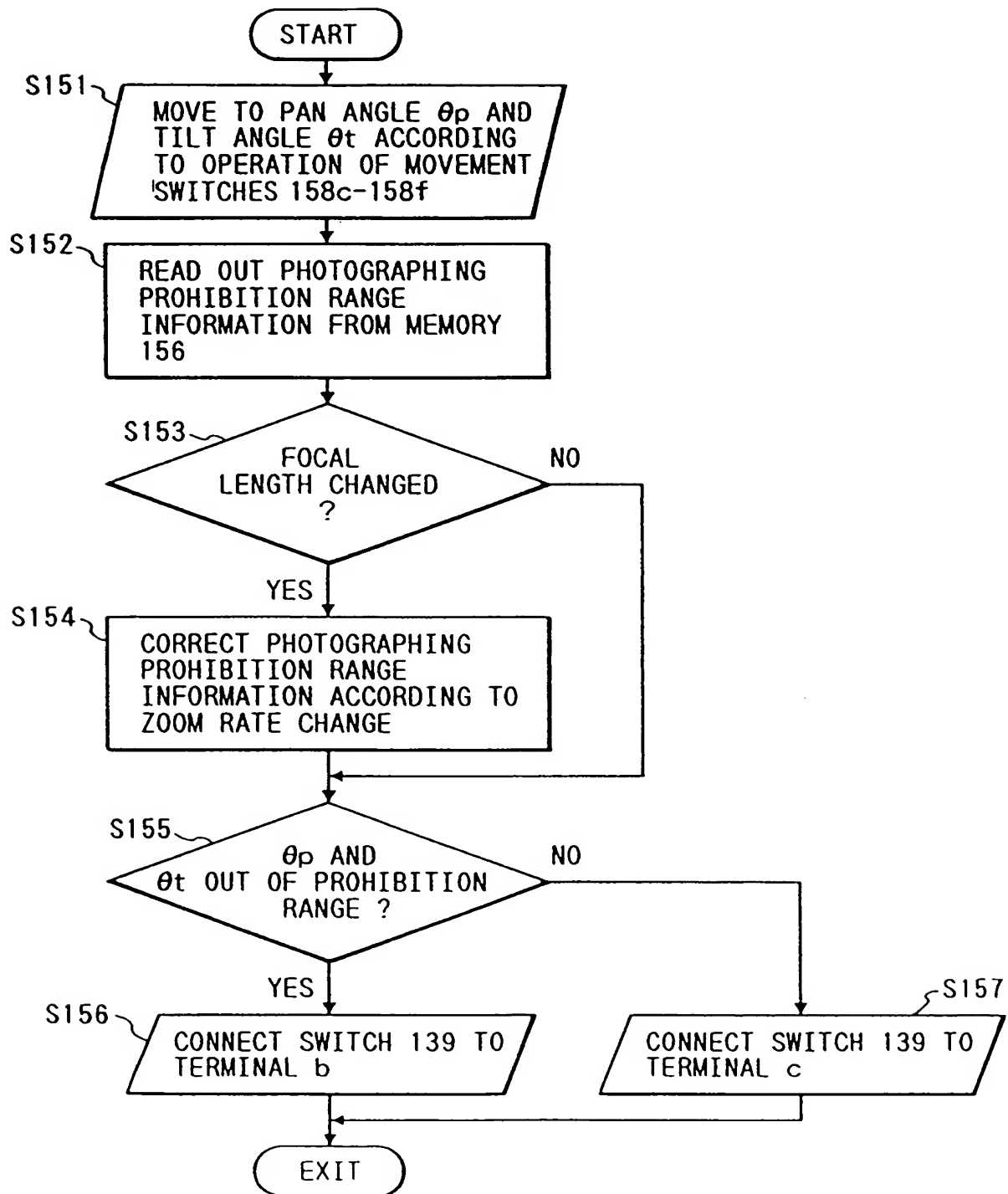


FIG. 43

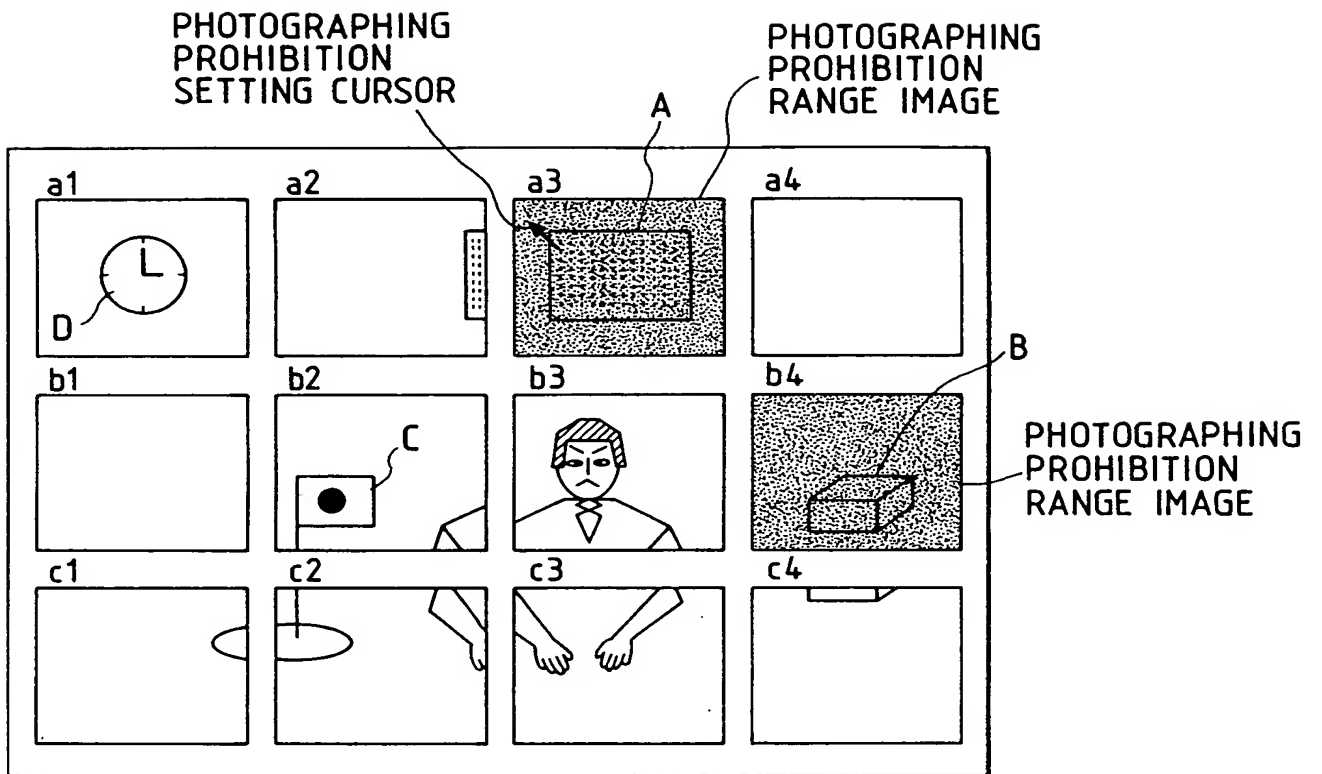


FIG. 44

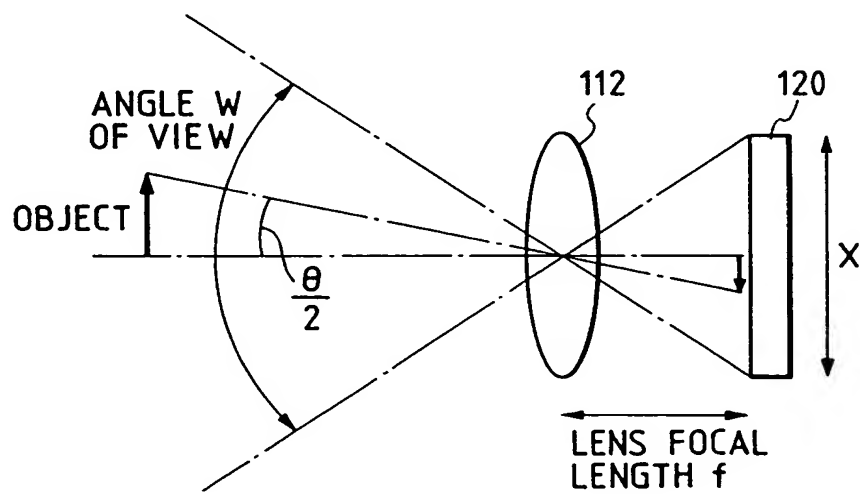


FIG. 45

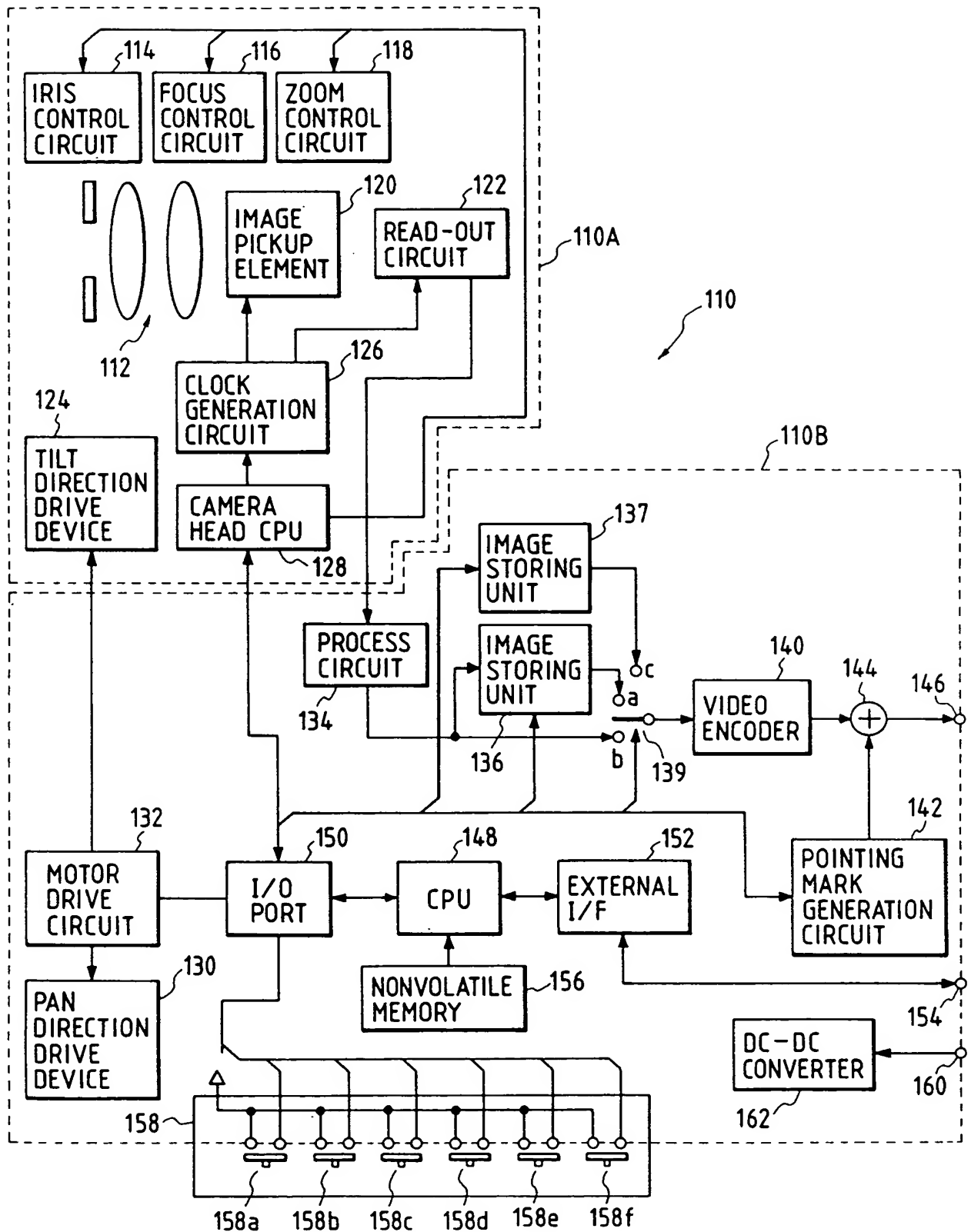




FIG. 46

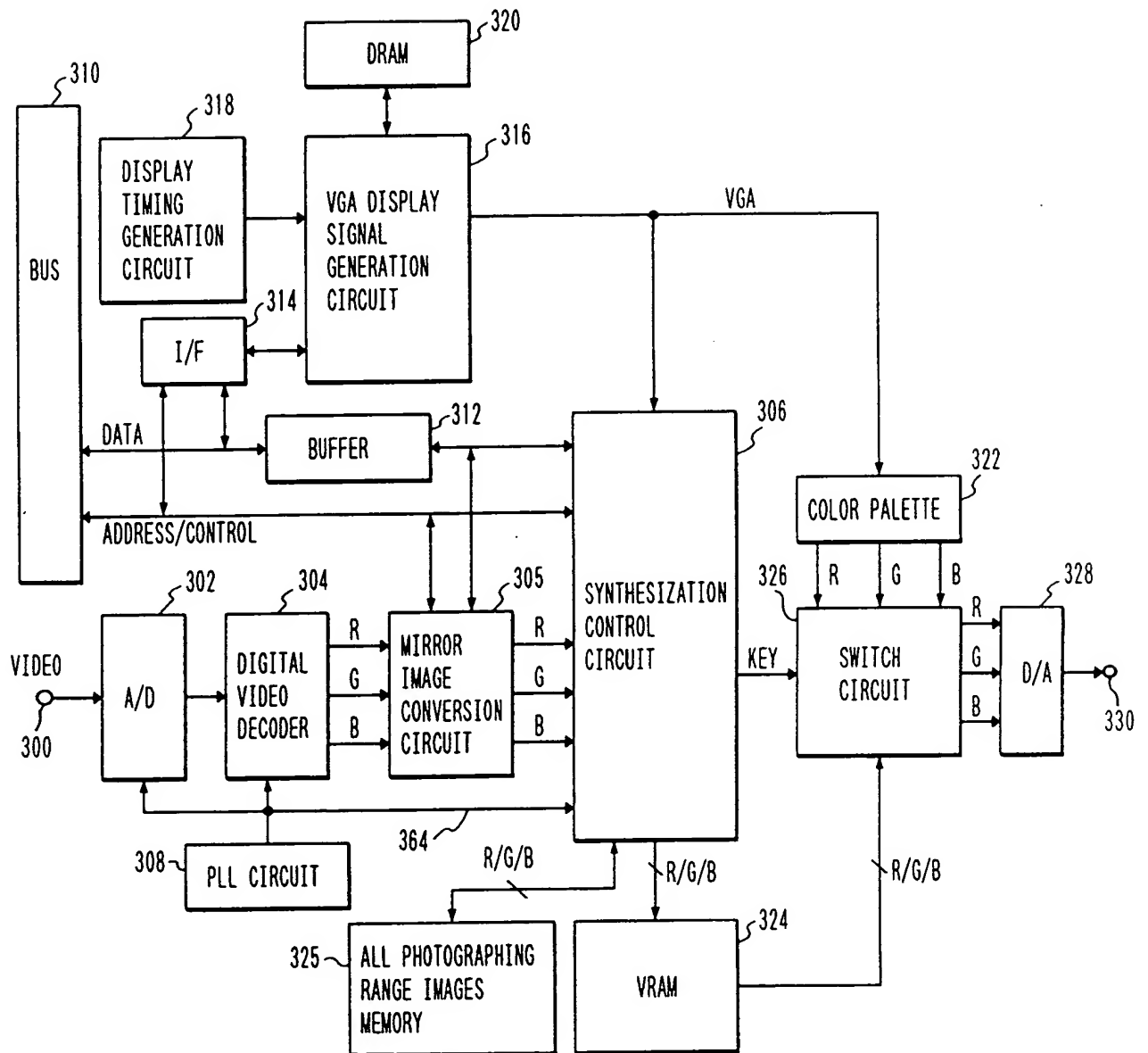


FIG. 47

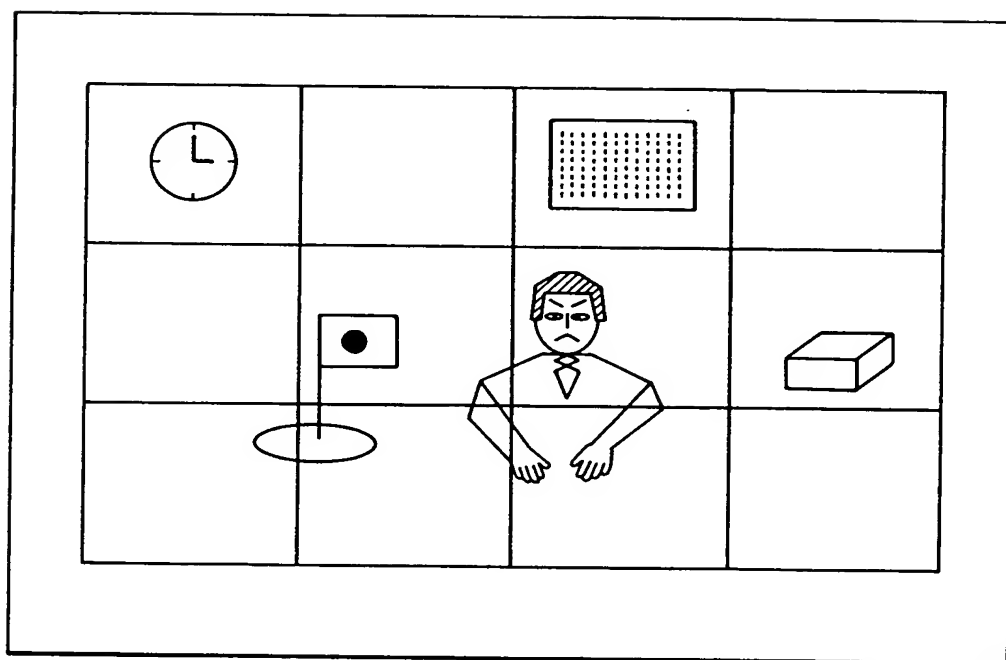
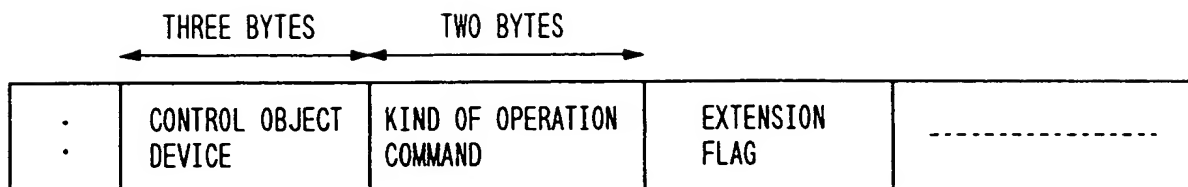


FIG. 48



CONTROL OBJECT DEVICE: V21 ---- FOR CAMERA INPUT 1  
 V22 ---- FOR CAMERA INPUT 2

OPERATION COMMAND: F0 ----- FOCUS MODE AUTO SETTING  
 F1 ----- FOCUS MANUAL SETTING  
 F2 ----- FOCUS POSITION LONG DISTANCE SETTING  
 F3 ----- FOCUS NEAR DISTANCE SETTING  
 E0 ----- IRIS MODE AUTO SETTING  
 E1 ----- IRIS MANUAL SETTING  
 E2 ----- IRIS LIGHT AMOUNT REDUCING MODE SETTING  
 E3 ----- IRIS LIGHT AMOUNT INCREASING MODE SETTING  
 T0 ----- STATUS SIGNAL RETURN REQUEST

Z0 ----- ZOOM-UP SETTING  
 Z1 ----- ZOOM-OUT SETTING  
 Z2 ----- SETTING OF ZOOM MOVEMENT TO STORED POSITION (USE EXTENSION)  
 U0 ----- TRIPOD PAN CLOCKWISE ROTATION SETTING  
 U1 ----- TRIPOD PAN COUNTERCLOCKWISE ROTATION SETTING  
 U2 ----- TRIPOD TILT UPPER DIRECTION SETTING  
 U3 ----- TRIPOD TILT LOWER DIRECTION SETTING

U7 ----- ENTIRE PHOTOGRAPHING PICTURE PLANE DISPLAY COMMAND  
 U8 ----- PHOTOGRAPHING PROHIBITION SETTING COMMAND  
 U9 ----- MOVE-TO-LEFT COMMAND  
 U10 ----- MOVE-TO-RIGHT COMMAND  
 U11 ----- MOVE-UP COMMAND  
 U12 ----- MOVE-DOWN COMMAND